11/7/84 S0320-4(1) A

Alaska Population Overview

1983

• Alaska Department of Labor
• Bill Sheffield, Governor

Page

Preface 1

I 1983 Population Data

Introduction 5

Table Title

I.1 Population of Boroughs and Census Areas, Alaska: 1980 and 1983 6
I.2 Alaska Population, Cities and Boroughs, Revised 1980 and 1983 by Census Area 7
I.3 Alaska Boroughs and Cities Ranked by 1983 Population 13
I.4 Total, Civilian, and Active Duty Military Populations for Boroughs and Census Areas: Alaska, 1983 15

Exhibit Title

I.2 Map of Alaska: Standard Metropolitan Statistical Area, Boroughs, Census Areas, and Selected Places 16
I.2 Map of Alaska: Boroughs, Census Areas, Borough and Census Area Subdivisions (Census Subareas), and Places
Section 1 17
Section 2 18
Section 3 19
Insets A and B 20

II Annual Population Data 1945 to 1983

Introduction 23

Table Title

II.1 Population of Boroughs and Census Areas, Alaska: 1960, 1970, 1980 24
II.2 Population of Boroughs, Census Areas, and Incorporated Places, Alaska: 1960, 1970, 1980 ... 25
II.3 Estimated July 1st Population of Boroughs and Census Areas, Alaska: 1960, 1970, 1980 32
II.4 Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places, Alaska: 1960, 1970, 1980 33
II.5 Persons by Age and Sex for the State, Boroughs and Census Areas in Alaska: April 1, 1970 and 1980 40
II.6 Annual Components of Population Change, Alaska: 1945 to 1983 52

Special Reports

Two Major Problems in Alaskan Demography
David Swanson 55
Alaska During Statehood: Demographics of the First 25 Years
Jo Van Patten 57
Education and Income in Alaska
Greg Williams 61

Table Title

III.1 Percent of Persons 25 Years Old and Over Who Were High School and College Graduates for the U.S., Alaska, and Census Areas, by Race, 1980 64
III.2 Number of Households, Families, and Persons for the U.S., Alaska, and Census Areas, by Race, 1980 65
III.3 Median Household and Family Income and Percent of Persons Below the Poverty Line for the U.S., Alaska, and Census Areas, by Race, 1980 66

ALASKA POPULATION OVERVIEW
1983

Bill Sheffield, Governor
State of Alaska

Jim Robison, Commissioner
Department of Labor

Judy Knight, Director
Administrative Services Division
Department of Labor

Chuck Caldwell, Chief
Research and Analysis

1984

People involved in the development of this publication are:

Department of Labor, Research and Analysis Section

Marilyn Gunn, Phototypesetter Operator
Cynthia Laurent, Statistical Technician
Kathryn Lizik, Coordinator, Alaska Census Data Network
David Swanson, Previous State Demographer
Jo Van Patten, Coordinator, Federal-State Cooperative Program for Population Estimates
Greg Williams, State Demographer

Preface

Alaska Population Overview is designed to provide frequently requested population information in one publication. In order to provide a consistent set of data, this publication presents the resident population of Alaska under exactly the same concepts and definitions used by the U.S. Bureau of the Census for the 1980 Decennial Census of Alaska.

This edition of *Alaska Population Overview* is comprised of three sections. The first edition provides the 1983 population of the state's boroughs, census areas, and municipalities, and information on the number of active duty military personnel in each borough and census area. Section II provides historical data. It displays the 1960, 1970 and 1980 census counts for the 23 census areas and all incorporated places, as well as July 1 estimates for these same areas. It gives the annual components of change for the state from 1945 to 1983 and detailed age and sex for the Boroughs and Census areas for April 1, 1970 and 1980. The final section contains special reports relating to the 1980 census results in Alaska, and articles on Alaskan demography.

Any comments or suggestions regarding the contents or format of this publication are welcomed. Questions related to: 1980 census data should be addressed to Kathryn Lizik (465-4513); federal intercensal population estimates and special census activities to Jo Van Patten (465-4500); or current state estimates, projections, and methods to Greg Williams (465-2771).

Special acknowledgment is given to the Department of Health and Social Services, the Department of Education, and each of the city and borough officials and staff members who provided data and worked cooperatively in developing the 1983 population determinations. Information on military personnel was provided by Personnel Departments of the service branches represented in Alaska.

I Population Data

I 1983 Population Data

Introduction

This section of the 1984 edition of *Alaska Population Overview* contains 1980 and 1983 resident population determinations for the state, its boroughs and census areas, and municipalities. The definition of resident population for 1983 is the same as the one used by the U.S. Bureau of the Census for the 1980 Decennial Census in Alaska. The data for 1980 represent the official figures of the U.S. Bureau of the Census. Estimates of the number of civilian and military populations are also found in this section.

Table I.1
Population of Boroughs and Census Areas, Alaska
1980 and 1983

Census Area	April 1, 1980 Population	July 1, 1983 Population
State of Alaska	401,851	510,554
Aleutian Islands	7,768	8,496
Anchorage, Municipality of	174,431	227,070
Bethel	10,999	12,232
Bristol Bay Borough	1,094	1,275
Dillingham	4,616	5,623
Fairbanks-North Star Borough	53,983	64,810
Haines Borough	1,680	1,915
Juneau, City and Borough of	19,528	25,964
Kenai Peninsula Borough	25,282	34,890
Ketchikan Gateway Borough	11,316	12,712
Kobuk	4,831	5,759
Kodiak Island Borough	9,939	12,896
Matanuska-Susitna Borough	17,816	29,849
Nome	6,537	7,661
North Slope Borough	4,199	5,168
Prince of Wales Island-Outer Ketchikan	3,822	5,293
Sitka, City and Borough of	7,803	8,194
Skagway-Yakutat-Angoon	3,478	3,711
Southeast Fairbanks	5,676	6,516
Valdez-Cordova	8,348	9,722
Wade Hampton	4,665	5,294
Wrangell-Petersburg	6,167	6,869
Yukon-Koyukuk	7,873	8,635

Table I.2
Alaska Population
Cities and Boroughs
Revised 1980 and 1983
By Census Area***

	Revised April 1, 1980 Population***	July 1, 1983 Population
State of Alaska	401,851	510,554
Aleutian Islands Census Area	7,768	8,496
Akutan	169	189
Cold Bay 1/	192 1/	252
King Cove	460	536*
Saint George 2/	158 2/	162
Saint Paul	551	610
Sand Point	625	889*
Unalaska	1,322	1992
Anchorage, Municipality of	174,431	227,070
Bethel Census Area	10,999	12,232
Akiachak	438	474
Akiak	198	250*
Aniak	341	459*
Atmautluak	219	239*
Bethel	3,576	3,869
Chefornak	230	268*
Chauthbaluk	105	130
Eek	228	265*
Goodnews Bay	168	215*
Kasigluk 3/	342 3/	394*
Kwethluk	454	507*
Lower Kalskag	246	261*
Mekoryuk	160	192*
Napakiak	262	306*
Napaskiak	244	260*
Newtok	131	181*
Nightmute	119	145*
Nunapitchuk 3/	299 3/	344
Platinum	55	59*
Quinhagak	412	477*
Toksook Bay	333	358
Tuluksak	236	272*
Tununak	298	327*
Upper Kalskag	129	140
Bristol Bay Borough	1,094	1,275

Table I.2
Alaska Population
Cities and Boroughs
Revised 1980 and 1983
By Census Area***

Dillingham Census Area	4,616	5,623
Aleknagik	154	243
Chignik 4/	178 4/	124*
Clark's Point	79	81
Dillingham	1,563	1,896*
Ekwok	77	79
Manokotak	294	302
Newhalen	87	124*
New Stuyahok	331	359
Nondalton	173	200*
Port Heiden	92	97
Togiak	470	526
Fairbanks-North Star Borough 5/	53,983 5/	64,810
Fairbanks	22,645	26,629*
North Pole	724	957
Haines Borough	1,680	1,915
Haines	993	1,124
Juneau, City and Borough of	19,528	25,964
Kenai Peninsula Borough	25,282	34,890
Homer	2,209	3,237
Kachemak 6/	403 6/	289
Kenai	4,324	5,774
Seldovia	479	513
Seward	1843	1883
Soldotna	2,320	3,252
Ketchikan Gateway Borough	11,316	12,712*
Ketchikan	7,198	7,688*
Saxman	273	286*
Kobuk Census Area	4,831	5,759
Ambler	192	281*
Buckland	177	219*
Deering	150	166
Kiana	345	363*
Kivalina	241	268*
Kobuk	62	86*
Kotzebue	2,054	2,720
Noorvik	192	532
Selawik 7/	535 7/	600*
Shungnak	202	241*

Table I.2
Alaska Population
Cities and Boroughs
Revised 1980 and 1983
By Census Area***

Kodiak Island Borough 8/	9,939 8/	12,896
Akhiok	105	104
Kodiak	4,756	6,030
Larsen Bay	168	190
Old Harbor	340	375*
Ouzinkie	173	246
Port Lions	215	320
Matanuska-Susitna Borough	17,816	29,849
Houston	370	606*
Palmer	2,141	2,672
Wasilla	1,559	2,873
Nome Census Area	6,537	7,661
Brevig Mission	138	132
Diomede	139	121
Elim	211	202
Gambell	445	426
Golovin	87	110
Koyuk	188	185
Nome 9/	2,301 9/	3,590
St. Michael	239	312
Savoonga	491	472
Shaktoolik	164	157
Shishmaref	394	436
Stebbins	331	316
Teller	212	207
Unalakleet	623	654
Wales	133	124
White Mountain	125	122
North Slope Borough	4,199	5,168
Anaktuvak Pass	203	228*
Atqasuk 10/	107 10/	231*
Barrow 11/	2,267 11/	2,938
Kaktovik	165	203*
Nuiqsut	208	324*
Point Hope	464	570*
Wainwright	405	483*
Prince of Wales-Outer Ketchikan Census Area	3,822	5,293
Craig	527	907*
Hydaburg	298	429*
Kasaan	25	72
Klawock	318	508*
Thorne Bay 12/	377 12/	324

Table I.2
Alaska Population
Cities and Boroughs
Revised 1980 and 1983
By Census Area***

Sitka, City and Borough of	7,803	8,194
Skagway-Yakutat-Angoon Census Area	3,478	3,711
Angoon	465	512
Hoonah	680	865*
Pelican	180	213*
Skagway	768	782
Tenakee Springs	138	144*
Yakutat	449	469
Southeast Fairbanks Census Area	5,676	6,516
Delta Junction	945	1,141
Eagle	110	163
Valdez-Cordova Census Area	8,348	9,722
Cordova	1,879	2,282
Valdez	3,079	3,687
Whittier	198	263*
Wade Hampton Census Area	4,665	5,294
Alakanuk	522	564
Chevak	466	528*
Emmonak	567	601
Fortuna Ledge	262	276*
Hooper Bay	627	673
Kotlik	293	413*
Mountain Village	583	667*
Pilot Station	325	404*
Russian Mission	169	175
St. Mary's	382	563* 13
Scammon Bay	250	253
Sheldon Point	103	111
Wrangell-Petersburg Census Area	6,167	6,869
Kake	555	674
Kupreanof	47	50*
Petersburg	2,821	3,046
Port Alexander	86	101
Wrangell	2,184	2,468

Table I.2
Alaska Population
Cities and Boroughs
Revised 1980 and 1983
By Census Area***

Yukon-Koyukuk Census Area	7,851	8,635
Allakaket	163	175*
Anderson	517	538
Anvik	114	119
Fort Yukon	619	641*
Galena	765	876*
Grayling	209	217
Holy Cross	241	250
Hughes	73	74
Huslia	188	248
Kaltag	247	257*
Koyukuk	98	99
McGrath	355	535*
Nenana	470	586*
Nikolai	91	112
Nulato	350	382*
Ruby	197	233*
Shageluk	131	142*
Tanana	388	454*

Footnotes

1/ Cold Bay was not incorporated until 1982. The 1980 figure represents Cold Bay as a "Census Designated Place."

2/ Saint George was not incorporated until 1983. The 1980 figure represents Saint George as a "Census Designated Place."

3/ In 1980, Nunapitchuk and Kasigluk were not incorporated and were known by the single name of Akolmiut.

4/ Chignik was not incorporated until 1983. The 1980 figure represents Chignik as a "Census Designated Place."

5/ The Eielson Air Force Reservation was annexed to the Fairbanks-North Star Borough in early 1983. Its population is included in the Borough total. Prior to this year Eielsons population needed to be subtracted from the Borough's total to obtain the Borough population for its legal boundaries. Historically, most population figures included Eielson as if it were part of the Borough.

6/ In 1980, it appears that the U.S. Bureau of the Census incorrectly defined the boundary of the city of Kachemak and counted people who were actually outside of Kachemak as part of Kachemak's population.

Footnotes

7/ 535 is a corrected 1980 census figure for Selawik. The original, incorrect number released by the U.S. Bureau of the Census was 361.

8/ Subsequent to the 1980 census, the Kodiak Island Borough annexed the Kodiak Island Coast Guard Station. Both the 1980 and 1983 figures reflect the presence of the Coast Guard station population in the total borough population.

9/ In 1982, Nome annexed the unincorporated "place" of Icy View, which had 210 residents. Further in 1980, the U.S. Census Bureau used boundaries for Nome that were later expanded legally. The 1983 figure for Nome reflects both the [illegible] Icy View and the expanded boundaries.

10/ Atqasuk was not incorporated until 1983. The 1980 figure represents Atqasuk as a "Census Designated Place".

11/ 2,267 is a corrected 1980 census figure for the city of Barrow. The original, incorrect number of 2,207 released by the U.S. Bureau of the Census reflected a mis-allocation of 60 persons into an area outside of the city of Barrow.

12/ Thorne Bay was not an incorporated city in 1980, it was a "Census Designated Place" with a population of 377, which is the figure shown for 1980. Thorne Bay incorporated in 1982.

13/ St. Mary's population increase is partially due to an annexation to the incorporated city.

* Indicates a census conducted in accordance with procedures contained in Standards for Conducting a Census in Small Alaskan Cities.

** Indicates a census conducted in accordance with procedures contained in Alaska Census Administrator's Manual and Alaska Census Enumerator's Manual but the Fairbanks City Census was not supervised by this office adn was therefore not certified as fully complying with all requirements.

*** The 1982 determinations were made under the same definition of population used by the U.S. Bureau of Census during the 1980 census.

Table I.3
Alaska Boroughs and Cities
Ranked by 1983 Population

	July 1st Population		July 1st Population
Anchorage Municipality	227,070	Anderson	538
Fairbanks North Star Borough	64,810	King Cove	536
Kenai Peninsula Borough	34,890	McGrath	535
Matanuska-Susitna Borough	29,849	Noorvik	532
Fairbanks City	26,629	Chevak	528
Juneau City and Borough	25,264	Togiak	526
Kodiak Island Borough	12,896	Seldovia	513
Ketchikan Borough	12,712	Angoon	512
Sitka City and Borough	8,194	Klawock	508
Ketchikan City	7,688	Kwethluk	507
Kodiak City	6,030	Wainwright	483
Kenai City	5,774	Quinhagak	477
North Slope Borough	5,168	Akiachak	474
Bethel	3,869	Savoonga	472
Valdez	3,687	Yakutat	469
Nome	3,590	Aniak	459
Soldotna	3,252	Tanana	454
Homer	3,237	Shismaref	436
Petersburg	3,046	Hydaburg	429
Barrow	2,938	Gambell	426
Wasilla	2,873	Kotlik	413
Kotzebue	2,720	Pilot Station	404
Palmer	2,672	Kasigluk	394
Wrangell	2,468	Nulato	382
Cordova	2,282	Old Harbor	375
Unalaska	1,992	Kiana	363
Haines Borough	1,915	New Stuyahok	359
Dillingham	1,896	Toksook Bay	358
Seward	1,883	Nunapitchuk	344
Bristol Bay Borough	1,275	Tununak	327
Delta Junction	1,141	Nuiqsut	324
Haines City	1,124	Thorne Bay	324
North Pole	957	Port Lions	320
Craig	907	Stebbins	316
Sand Point	889	St. Michael	312
Galena	876	Napakiak	306
Hoonah	865	Manokotak	302
Skagway	782	Kachemak	289
Kake	674	Saxman	286
Hooper Bay	673	Ambler	281
Mountain Village	667	Fortuna Ledge	276
Unalakleet	654	Tuluksak	272
Fort Yukon	641	Chefornak	268
St. Paul	610	Kivalina	268
Houston	606	Eek	265
Emmonak	601	Whittier	263
Selawik	600	Lower Kalskag	261
Nenana	586	Napaskiak	260
Point Hope	570	Kaltag	257
Alakanuk	564	Scammon Bay	253
St. Mary's	563	Cold Bay	252

	July 1st Population
Akiak	250
Holy Cross	250
Huslia	248
Ouzinkie	246
Alegnagik	243
Shungnak	241
Atmautluak	239
Ruby	233
Atqasuk	231
Anaktuvuk Pass	228
Buckland	219
Grayling	217
Goodnews Bay	215
Pelican	213
Teller	207
Kaktovik	203
Elim	202
Nondalton	200
Mekoryuk	192
Larsen Bay	190
Akutan	189
Koyuk	185
Newtok	181
Allakaket	175
Russian Mission	175
Derring	166
Eagle	163
St. George	162
Shaktoolik	157
Nightmute	145
Tenakee Springs	144
Shageluk	142
Upper Kalskag	140
Brevig Mission	132
Chuathbaluk	130
Chignik	124
Newhalen	124
Wales	124
White Mountain	122
Diomede	121
Anvik	119
Nikolai	112
Sheldon Point	111
Golovin	110
Akiok	104
Port Alexander	101
Koyukuk	99
Port Heiden	97
Kobuk	86
Clark's Point	81
Ekwok	79
Hughes	74
Kasaan	72
Platinum	59
Kupreanof	50

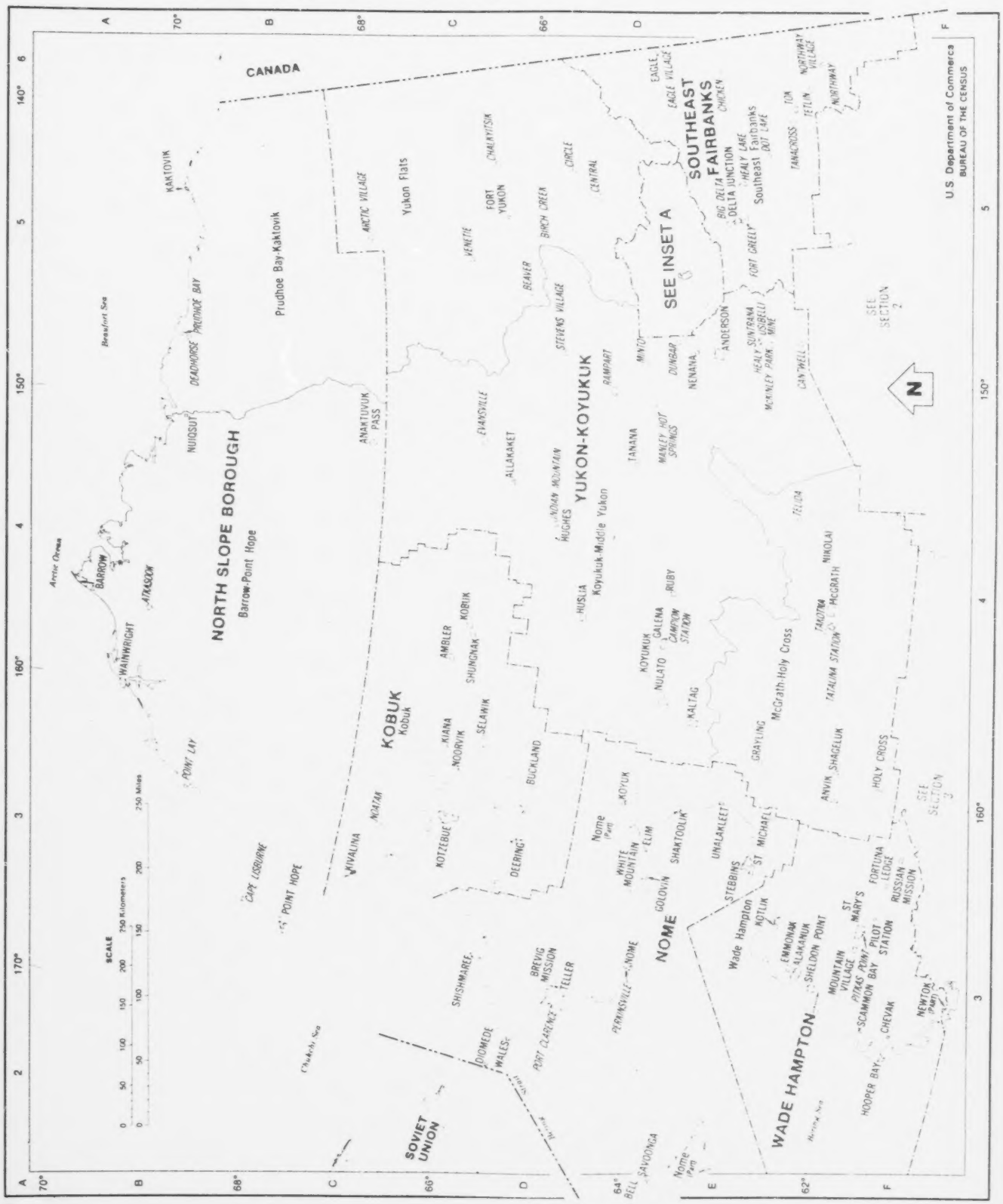
Table I.4
Total, Civilian, and Active Duty Military Populations for Boroughs and Census Areas
Alaska
1983

1980 Census Area	Total Population	Civilian Population	Active Duty Military
Aleutian Islands	8,496	6,302	2,194
Anchorage	227,070	216,543	10,527
Bethel	12,232	12,208	24
Bristol Bay Borough	1,275	964	311
Dillingham	5,623	5,623	0
Fairbanks North Star	64,810	58,969	5,841
Haines	1,915	1,915	0
Juneau	25,964	25,623	341
Kenai Peninsula	34,890	34,818	72
Ketchikan Gateway	12,712	12,530	182
Kobuk	5,759	5,747	12
Kodiak Island	12,896	11,801	1,095
Matanuska-Susitna	29,849	29,849	0
Nome	7,661	7,622	39
North Slope	5,168	5,155	13
Outer Ketchikan-Prince of Wales	5,293	5,293	0
Sitka	8,194	7,993	201
Skagway-Yakutat-Angoon	3,711	3,711	0
Southeast Fairbanks	6,516	5,701	815
Valdez-Cordova	9,722	9,632	90
Wade Hampton	5,294	5,285	9
Wrangell-Petersburg	6,869	6,847	22
Yukon-Koyukuk	8,635	8,162	473
Total	510,554	488,293	22,261

BEST AVAILABLE COPY

Standard Metropolitan Statistical Area, Boroughs, Census Areas, and Selected Places

Boroughs, Census Areas, Borough and Census Area Subdivisions (Census Subareas), and Places—Section 1



BEST AVAILABLE COPY

Boroughs, Census Areas, Borough and Census Area Subdivisions (Census Subareas), and Places—Section 2

Boroughs, Census Areas, Borough and Census Area Subdivisions (Census Subareas), and Places -Section 3

Boroughs, Census Areas, Borough and Census Area Subdivisions (Census Subareas), and Places—Insets A and B

II Annual Population Data 1945 to 1983

II Annual Population Data 1945 to 1983

Introduction

Because Alaska is a relatively new state, it lacks a comprehensive set of regional political boundaries equivalent to the county form of government found in the majority of states. As a consequence, Alaska lacks a consistent set of regional data going back in time. In the 1982 edition of *Alaska Population Overview* annual data for 1970 to 1982 by age and sex by census area was presented. This year we are presenting a historical series of 1960, 1970 and 1980 populations for census areas as defined for the 1980 census and for incorporated places. These tables are presented in two forms: 1) April 1 actual counts which have been reaggregated into 1980 census geography and 2) July 1 estimates which, especially for 1980, reflect revisions based on estimated undercounting discovered through certified census counts taken subsequent to the 1980 Decennial census. The last series of tables in this section displays 5 year age groupings by sex for both 1970 and 1980 by 1980 census areas.

Tale II.1
Population of Boroughs and Census Areas
Alaska
1960, 1970, and 1980

	April 1st Popluation		
	1960	1970	1980
State of Alaska	226,167	302,583	401,851
Aleutian Islands	5,517*	7,834*	7,768
Anchorage, Municipality of	82,833*	126,385	174,431
Bethel	6,601*	8,917*	10,999
Bristol Bay Borough	831*	1,147	1,094
Dillingham	3,687*	3,892*	4,616
Fairbanks-North Star Borough	40,616*	45,861	53,983
Haines Borough	792*	1,401*	1,680
Juneau, City and Borough of	9,714*	13,556	19,528
Kenai Peninsula Borough	9,053*	16,586*	25,282
Ketchikan Gateway Borough	8,774*	10,041	11,316
Kobuk	3,236*	4,048*	4,831
Kodiak Island Borough	7,174*	9,409	9,939
Matanuska-Susitna Borough	5,188*	6,509	17,816
Nome	6,091*	5,749	6,537
North Slope Borough	2,681*	3,451*	4,199
Prince of Wales-Outer Ketchikan	3,068*	3,782*	3,822
Sitka, City and Borough of	6,250*	6,073*	7,803
Skagway-Yakutat-Angoon	2,642*	2,792*	3,478
Southeast Fairbanks	2,926*	4,308*	5,676
Valdez-Cordova	4,603*	4,977*	8,348
Wade Hampton	3,128*	3,917	4,665
Wrangell-Petersburg	4,163*	4,920*	6,167
Yukon-Koyukuk	6,599*	7,045*	7,873

* An estimate derived using census data.

Table II.2
Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	1960	1970	1980
State of Alaska	n/a	226,167	302,583	401,851
Aleutian Islands Census Area	n/a	5,517*	7,834*	7,768
Akutan	1979	107	101	169
Cold Bay	1982	86	256	228
King Cove	1947	290	283	460
Saint Paul	1971	378	478	551
Sand Point	1978	254	360	625
Unalaska	1942	218	342	1,322
Anchorage, Municipality of	1975	82,833*	126,385	174,431
Bethel Census Area	n/a	6,601*	8,917*	10,999
Akiachak	1974	229	312	438
Akiak	1970	187	184	198
Akolmiut 1/	1969	346*	526	641
Aniak	1972	308	205	341
Atmautluak	1976	44*	98*	219
Bethel 2/	1957	1,258	2,416	3,576
Chefornak 3/	1974	133	146	230
Chuathbaluk	1975	--	100	105
Eek	1970	200	186	228
Goodnews Bay 4/	1970	154	218	168
Kasigluk	1982	n/a	n/a	n/a
Kwethluk	1975	325	408	454
Lower Kalskag	1969	122	183	246
Mekoryuk 5/	1969	242	249	160
Napakiak	1970	190	259	262
Napaskiak	1971	154	188	244
Newtok 6/	1976	129	114	131
Nightmute 7/	1974	237	127	119
Platinum	1975	43	57	55
Quinhagak	1975	228	340	412
Toksook Bay	1972	178*	257	333
Tuluksak 8/	1970	137	195	236
Tununak	1975	183	274	298
Upper Kalskag	1975	147	122	129
Bristol Bay Borough	1962	831*	1,147	1,094

Table II.2
Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	1960	1970	1980
Dillingham Census Area	n/a	3,687*	3,892*	4,616
Aleknagik	1973	115	215	154
Clark's Point	1971	138	95	79
Dillingham	1963	424	914	1,563
Ekwok	1974	106	103	77
Manokotak	1970	149	214	294
Newhalen	1971	110	88	87
New Stuyahok	1972	145	216	331
Nondalton	1971	205	184	173
Port Heiden	1972	74	75	92
Togiak	1969	220	383	470
Fairbanks-North Star Borough	1964	40,616*	45,864	53,983
Fairbanks 10/	1903	13,311	14,771	22,645
North Pole 11/	1953	358	265	724
Haines Borough	1968	792*	1,401*	1,680
Haines	1910	392	463	993
Juneau, City and Borough of	1970	9,714*	13,556	19,528
Kenai Peninsula Borough	1964	9,053*	16,586*	25,282
Homer 12/	1964	1,247	1,083	2,209
Kachemak	1961	--	76	403
Kenai	1960	778	3,533	4,324
Seldovia	1945	460	437	479
Seward 13/	1912	1,891	1,587	1,843
Soldotna 14/	1967	32	1,202	2,320
Ketchikan Gateway Borough	1963	8,774*	10,041	11,316
Ketchikan 15/	1900	6,483	6,994	7,198
Saxman	1930	153	135	273

Table II.2
Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	1960	1970	1980
Kobuk Census Area	n/a	3,236*	4,048*	4,831
Ambler	1971	70	176	192
Buckland 16/	1966	87	104	177
Deering	1970	95	85	150
Kiana	1964	253	278	345
Kivalina	1969	143	188	241
Kobuk	1973	54	165	62
Kotzebue 17/	1958	1,290	1,696	2,054
Noorvik	1964	384	462	492
Selawik	1977	348	429	535
Shungnak	1967	135	165	202
Kodiak Island Borough	1963	7,174*	9,409	9,939
Akhiok	1972	84	115	105
Kodiak 18/	1940	2,628	3,798	4,756
Larsen Bay	1974	72	126	168
Old Harbor	1966	193	290	340
Ouzinkie 19/	1967	214	160	173
Port Lions	1966	--	227	215
Matanuska-Susitna Borough	1964	5,188*	6,509	17,816
Houston 20/	1966	42	69	370
Palmer 21/	1951	1,181	1,140	2,141
Wasilla 22/	1974	112	376	1,559
Nome Census Area	n/a	6,091*	5,749	6,537
Brevig Mission 23/	1969	77	123	138
Diomede	1970	88	84	139
Elim	1970	145	174	211
Gambell	1963	358	372	445
Golovin	1971	59	117	87
Koyuk	1970	129	122	188
Nome 24/	1901	2,316	2,357	2,301
St. Michael	1969	205	207	239
Savoonga	1969	304*	364	491
Shaktoolik 25/	1969	187	151	164
Shishmaref 26/	1969	217	267	394
Stebbins	1969	158	231	331
Teller	1963	217	220	212
Unalakleet	1974	574	470	623
Wales	1964	128	131	133
White Mountain	1969	151	87	125

Table II.2
Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	1960	1970	1980
North Slope Borough	1972	2,681*	3,451*	4,199
Anaktuvak Pass	1957	81*	99	203
Barrow	1959	1,314	2,104	2,267
Kaktovik	1971	85*	123	165
Nuiqsut	1975	--	--	208
Point Hope	1966	324	386	461
Wainwright	1962	253	315	405
Prince of Wales-Outer Ketchikan Census Area	n/a	3,068*	3,782*	3,822
Craig 27/	1922	273	272	527
Hydaburg	1927	251	241	298
Kasaan	1976	36	30	25
Klawock	1929	251	213	318
Thorne Bay	1982	--	443	320
Sitka, City and Borough of	1971	6,250*	6,073*	7,803
Skagway-Yakutat-Angoon Census Area	n/a	2,642*	2,792*	3,478
Angoon 28/	1963	395	400	465
Hoonah	1946	686	748	680
Pelican	1943	135	133	180
Skagway 29/	1900	659	675	768
Tenakee Springs	1971	60	93	138
Yakutat 30/	1948	230	190	449
Southeast Fairbanks Census Area	n/a	2,926*	4,308*	5,676
Delta Junction 31/	1960	--	703	945
Eagle	1901	92	36	110
Valdez-Cordova Census Area	n/a	4,603*	4,977*	8,348
Cordova 32/	1909	1,128	1,164	1,879
Valdez 33/	1901	555	1,005	3,079
Whittier 34/	1969	809	130	198

Table II.2
Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	1960	1970	1980
Wade Hampton Census Area	n/a	3,128*	3,917	4,665
Alakanuk	1969	278	414	522
Chevak	1967	315	387	466
Emmonak 35/	1964	358	439	567
Fortuna Ledge 36/	1970	166	176	262
Hooper Bay	1966	460	490	627
Kotlik	1970	57	228	293
Mountain Village 37/	1967	300	419	583
Pilot Station	1969	219	290	325
Russian Mission	1970	102	147	169
St. Mary's 38/	1967	--	384	382
Scammon Bay	1967	115	166	250
Sheldon Point 39/	1974	110	125	103
Wrangell-Petersburg Census Area	n/a	4,163*	4,920*	6,167
Kake 40/	1952	455	448	555
Kupreanof	1975	--	--	47
Petersburg 41/	1910	1,502	2,042	2,821
Port Alexander	1974	18	36	86
Wrangell 42/	1903	1,315	2,029	2,184
Yukon-Koyukuk Census Area	n/a	6,599*	7,045*	7,873
Allakaket	1975	115	174	163
Anderson 43/	1962	--	362	517
Anvik	1969	120	83	114
Fort Yukon	1959	701	448	619
Galena	1971	261	581	765
Grayling	1969	122*	139	209
Holy Cross	1968	256	199	241
Hughes	1973	69	85	73
Huslia 44/	1969	168	159	188
Kaltag	1969	165	206	247
Koyukuk	1973	128	114	98
McGrath	1975	241	279	355
Nenana	1921	286	382	470
Nikolai	1970	85	112	91
Nulato	1963	283	308	350
Ruby	1973	157	147	197
Shageluk	1970	155	167	131
Tanana	1961	349	406	388

Footnotes

* An estimate derived using census data.

1 Akolmiut returned as Kasiglook and an undesignated surrounding area in 1960. In 1982, a part of Akolmiut was detached and incorporated as Kasigluk. Between 1970 and 1980, annexations took place by Akolmiut.

2 Annexation by Bethel between 1960 and 1970.

3/ Annexation by Chefornak between 1970 and 1980.

4/ Annexation by Goodnews Bay between 1970 and 1980. Goodnews Bay returned as Mumtrak in 1960.

5/ Mekoryuk returned as Mekoryok in 1950 and 1939.

6 Newtok returned as Keyaluvik in 1950 and 1939.

7/ Nightmute returned as Nigtmute in 1950 and 1960. In 1939, it was returned as Nigtmuit.

8/ Annexation by Tuluksak between 1970 and 1980.

9/ Eielson Air Force Base was only annexed to the Fairbanks-North Star Borough in 1983 although it resides totally within the borough. However, the population figures shown for the borough reflect the presence of the population at Eielson in the total borough population.

10/ Annexation by Fairbanks between 1960 and 1970 as well as 1970 and 1980.

11/ Annexation by North Pole between 1970 and 1980.

12/ Annexation by Homer between 1960 and 1970.

13/ Annexation by Seward between 1960 and 1970 as well as between 1970 and 1980.

14/ Annexation by Soldotna between 1970 and 1980.

15/ Annexation by Ketchikan between 1970 and 1980.

16/ Buckland returned as Elephant Point in 1950 and 1939.

17/ Annexation by Kotzebue between 1970 and 1980.

18/ Annexation by Kodiak between 1970 and 1980.

19/ Ouzinkie returned as Uzinki in 1960 and 1950. In 1939, it was returned as Ouzinkie.

20/ Annexation by Houston between 1970 and 1980.

21/ Annexation by Palmer between 1970 and 1980.

22/ Annexation by Wasilla between 1970 and 1980. Detachment of an area from Wasilla also took place between 1970 and 1980.

23/ Brevig Mission returned as Teller Mission in 1960, 1950, and 1939.

24/ Subsequent to the 1980 census, Nome annexed the unincorporated place of Icy View and also had its boundaries legally expanded through a court case. The population figures shown for Nome do not reflect the boundary changes subsequent to the 1980 census.

25/ Shaktoolik returned as Shaktolik in 1970.

26/ Part of Shishmaref was detached from the city between 1970 and 1980.

27/ Annexation by Craig between 1970 and 1980.

28/ Annexation by Angoon between 1970 and 1980.

29/ Annexation by Skagway between 1970 and 1980.

30/ Annexation by Yakutat between 1970 and 1980.

31/ Annexation by Delta Junction between 1970 and 1980.

32/ Annexation by Cordova between 1970 and 1980.

33/ Annexation by Valdez between 1970 and 1980. Part of the city was detached between 1960 and 1970.

34/ Annexation by Whittier between 1970 and 1980.

35/ Emmonak returned as Emanguk in 1970 and as Kwiguk in 1960. In 1950, it was returned as Emangak.

36/ Fortuna Ledge returned as Marshall in 1950, 1960, and 1970. In 1939, it was returned as Fortuna Ledge.

37/ Mountain Village returned as Mountain in 1960.

38/ St. Mary's returned as Pitkas Point and undesignated surrounding area in 1960.

39/ Sheldon Point returned as Sheldons Point in 1950 and 1939.

40/ Annexation by Kake between 1970 and 1980.

41/ Annexation by Petersburg between 1970 and 1980.

42/ Annexation by Wrangell between 1970 and 1980. A number of persons living outside the legal boundaries of Wrangell were erroneously returned as part of the city population in 1970. This population of about 400 was annexed into the city between 1970 and 1980.

43/ Annexation by Anderson between 1970 and 1980

44/ Huslia returned as Cutoff prior to 1960.

Tale II.3
Estimated July 1st Population of Boroughs and Census Areas
Alaska
1960, 1970, and 1980

	July 1st Popluation*		
	1960	1970	1980
State of Alaska	230,400	308,500	419,700
Aleutian Islands	5,640	7,900	8,100
Anchorage, Municipality of	85,100	130,200	179,000
Bethel	6,700	9,000	11,000
Bristol Bay Borough	800	1,100	1,200
Dillingham	3,700	3,900	4,700
Fairbanks-North Star Borough	41,200	46,500	57,800
Haines Borough	800	1,400	1,700
Juneau, City and Borough of	9,900	13,800	19,800
Kenai Peninsula Borough	9,200	16,800	27,600
Ketchikan Gateway Borough	8,900	10,200	12,000
Kobuk	3,300	4,100	4,900
Kodiak Island Borough	7,300	9,600	11,000
Matanuska-Susitna Borough	5,300	6,600	20,200
Nome	6,100	5,800	6,900
North Slope Borough	2,700	3,500	4,600
Prince of Wales-Outer Ketchikan	3,100	3,700	4,300
Sitka, City and Borough of	6,400	6,200	7,800
Skagway-Yakutat-Angoon	2,700	2,800	3,400
Southeast Fairbanks	2,900	4,300	5,900
Valdez-Cordova	4,600	5,000	9,100
Wade Hampton	3,200	4,000	4,700
Wrangell-Petersburg	4,200	5,000	6,300
Yukon-Koyukuk	6,700	7,100	7,700

* Estimated July 1st populations are derived from census data.

Table II.4
Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	July 1st Population		
		1960	1970	1980
State of Alaska	n/a	230,400	308,500	419,700
Aleutian Islands Census Area	n/a	5,600	7,900	8,100
Akutan	1979	110	100	180
Cold Bay	1982	90	260	240
King Cove	1947	290	290	480
Saint Paul	1971	380	480	580
Sand Point	1978	260	360	650
Unalaska	1942	220	350	1,380
Anchorage, Municipality of	1975	85,100	130,200	179,000
Bethel Census Area	n/a	6,700	9,000	11,000
Akiachak	1974	230	320	440
Akiak	1970	190	190	200
Akolmiut 1/	1969	350	530	640
Aniak	1972	310	210	340
Atmautluak	1976	50	100	220
Bethel 2/	1957	1,280	2,440	3,580
Chefornak 3/	1974	140	150	230
Chuathbaluk	1975	n/a	100	110
Eek	1970	200	190	230
Goodnews Bay 4/	1970	160	220	170
Kasigluk 1/	1982	n/a	n/a	n/a
Kwethluk	1975	330	410	450
Lower Kalskag	1969	120	190	250
Mekoryuk 5/	1969	250	250	160
Napakiak	1970	190	260	260
Napaskiak	1971	160	190	240
Newtok 6/	1976	130	120	130
Nightmute 7/	1974	240	130	120
Platinum	1975	40	60	60
Quinhagak	1975	230	340	410
Toksook Bay	1972	180	260	330
Tuluksak 8/	1970	140	200	240
Tununak	1975	190	280	300
Upper Kalskag	1975	150	120	130
Bristol Bay Borough	1962	800	1,100	1,200

Table II.4
Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	July 1st Population		
		1960	1970	1980
Dillingham Census Area	n/a	3,700	3,900	4,700
Aleknagik	1973	120	220	160
Clark's Point	1971	140	100	80
Dillingham	1963	430	920	1,590
Ekwok	1974	110	100	80
Manokotak	1970	150	220	300
Newhalen	1971	110	90	90
New Stuyahok	1972	150	220	340
Nondalton	1971	210	180	180
Port Heiden	1972	70	80	90
Togiak	1969	220	380	480
Fairbanks-North Star Borough 9/	1964	41,200	46,500	57,800
Fairbanks 10/	1903	13,500	14,980	24,250
North Pole 11/	1953	360	270	780
Haines Borough	1968	800	1,400	1,700
Haines	1910	400	460	1,110
Juneau, City and Borough of	1970	9,900	13,800	19,800
Kenai Peninsula Borough	1964	9,200	16,800	27,600
Homer 12/	1964	1,270	1,100	2,410
Kachemak	1961	n/a	80	440
Kenai	1960	790	3,580	4,720
Seldovia	1945	470	440	520
Seward 13/	1912	1,920	1,610	2,010
Soldotna 14/	1967	30	1,220	2,530
Ketchikan Gateway Borough	1963	8,900	10,200	12,000
Ketchikan 15/	1900	6,580	7,110	7,600
Saxman	1930	160	140	290

Table II.4
Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	July 1st Population 1960	1970	1980
Kobuk Census Area	n/a	3,300	4,100	4,900
Ambler	1971	70	180	200
Buckland 16/	1966	90	110	180
Deering	1970	100	90	150
Kiana	1964	260	280	350
Kivalina	1969	150	190	244
Kobuk	1973	60	170	60
Kotzebue 17/	1958	1,320	1,720	2,080
Noorvik	1964	390	470	500
Selawik	1977	360	440	540
Shungnak	1967	140	170	210
Kodiak Island Borough	1963	7,300	9,600	11,000
Akhiok	1972	90	120	120
Kodiak 18/	1940	2,670	3,880	5,260
Larsen Bay	1974	70	130	190
Old Harbor	1966	200	300	380
Ouzinkie 19/	1967	220	160	190
Port Lions	1966	n/a	230	240
Matanuska-Susitna Borough	1964	5,300	6,600	20,200
Houston 20/	1966	40	70	420
Palmer 21/	1951	1,210	1,160	2,430
Wasilla 22/	1974	110	380	1,770
Nome Census Area	n/a	6,100	5,800	6,900
Brevig Mission 23/	1969	80	120	150
Diomede	1970	90	90	150
Elim	1970	150	180	220
Gambell	1963	360	380	470
Golovin	1971	60	120	90
Koyuk	1970	130	120	200
Nome 24/	1901	2,320	2,380	2,430
St. Michael	1969	210	210	250
Savoonga	1969	300	370	520
Shaktoolik 25/	1969	190	150	170
Shishmaref 26/	1969	220	270	420
Stebbins	1969	160	230	350
Teller	1963	220	220	220
Unalakleet	1974	570	470	660
Wales	1964	130	130	140
White Mountain	1969	150	90	130

Table II.4
Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	July 1st Population 1960	1970	1980
North Slope Borough	1972	2,700	3,500	4,600
Anaktuvak Pass	1957	80	100	220
Barrow	1959	1,320	2,130	2,480
Kaktovik	1971	90	130	180
Nuiqsut	1975	n/a	n/a	230
Point Hope	1966	330	390	510
Wainwright	1962	260	320	440
Prince of Wales-Outer Ketchikan Census Area	n/a	3,100	3,700	4,300
Craig 27/	1922	280	270	590
Hydaburg	1927	250	240	340
Kasaan	1976	40	30	30
Klawock	1929	250	210	360
Thorne Bay	1982	n/a	440	360
Sitka, City and Borough of	1971	6,400	6,200	7,800
Skagway-Yakutat-Angoon Census Area	n/a	2,700	2,800	3,400
Angoon 28/	1963	400	400	460
Hoonah	1946	700	750	670
Pelican	1943	140	150	180
Skagway 29/	1900	670	680	760
Tenakee Springs	1971	60	90	140
Yakutat 30/	1948	240	190	440
Southeast Fairbanks Census Area	n/a	2,900	4,300	5,900
Delta Junction 31/	1960	n/a	700	980
Eagle	1901	90	40	110
Valdez-Cordova Census Area	n/a	4,600	5,000	9,100
Cordova 32/	1909	1,130	1,170	2,050
Valdez 33/	1901	560	1,010	3,360
Whittier 34/	1969	810	130	220

Table II.4
Estimated July 1st Population of Boroughs, Census Areas, and Incorporated Places
Alaska
1960, 1970, and 1980

	Date of Incorporation	July 1st Population 1960	1970	1980
Wade Hampton Census Area	n/a	3,200	4,000	4,700
Alakanuk	1969	280	420	530
Chevak	1967	320	400	470
Emmonak 35/	1964	370	450	570
Fortuna Ledge 36/	1970	170	180	260
Hooper Bay	1966	470	500	630
Kotlik	1970	60	230	300
Mountain Village 37/	1967	310	430	590
Pilot Station	1969	220	300	330
Russian Mission	1970	100	150	170
St. Mary's 38/	1967	n/a	390	390
Scammon Bay	1967	120	170	250
Sheldon Point 39/	1974	110	130	100
Wrangell-Petersburg Census Area	n/a	4,200	5,000	6,300
Kake 40/	1952	460	460	570
Kupreanof	1975	n/a	n/a	50
Petersburg 41/	1910	1,520	2,080	2,880
Port Alexander	1974	20	40	90
Wrangell 42/	1903	1,330	2,060	2,230
Yukon-Koyukuk Census Area	n/a	6,700	7,100	7,700
Allakaket	1975	120	180	160
Anderson 43/	1962	n/a	370	510
Anvik	1969	120	80	110
Fort Yukon	1959	710	450	610
Galena	1971	270	590	760
Grayling	1969	120	140	200
Holy Cross	1968	260	200	240
Hughes	1973	70	90	70
Huslia 44/	1969	170	160	180
Kaltag	1969	170	210	240
Koyukuk	1973	130	120	100
McGrath	1975	250	280	350
Nenana	1921	290	390	460
Nikolai	1970	90	110	90
Nulato	1963	290	310	340
Ruby	1973	160	150	190
Shageluk	1970	160	170	130
Tanana	1961	350	410	380

Footnotes

* An estimate derived using census data.

1/ Akolmiut returned as Kasiglook and an undesignated surrounding area in 1960. In 1982, a part of Akolmiut was detached and incorporated as Kasigluk. Between 1970 and 1980, annexations took place by Akolmiut.

2/ Annexation by Bethel between 1960 and 1970.

3/ Annexation by Chefornak between 1970 and 1980.

4/ Annexation by Goodnews Bay between 1970 and 1980. Goodnews Bay returned as Mumtrak in 1960.

5/ Mekoryuk returned as Mekoryok in 1950 and 1939.

6/ Newtok returned as Keyaluvik in 1950 and 1939.

7/ Nightmute returned as Nigtmute in 1950 and 1960. In 1939, it was returned as Nigtmuit.

8/ Annexation by Tuluksak between 1970 and 1980.

9/ Fielson Air Force Base was only annexed to the Fairbanks-North Star Borough in 1983 although it resides totally within the borough. However, the population figures shown for the borough reflect the presence of the population at Fielson in the total borough population.

10/ Annexation by Fairbanks between 1960 and 1970 as well as 1970 and 1980.

11/ Annexation by North Pole between 1970 and 1980.

12/ Annexation by Homer between 1960 and 1970.

13/ Annexation by Seward between 1960 and 1970 as well as between 1970 and 1980.

14/ Annexation by Soldotna between 1970 and 1980.

15/ Annexation by Ketchikan between 1970 and 1980.

16/ Buckland returned as Elephant Point in 1950 and 1939.

17/ Annexation by Kotzebue between 1970 and 1980.

18/ Annexation by Kodiak between 1970 and 1980.

19/ Ouzinkie returned as Uzinki in 1960 and 1950. In 1939, it was returned as Ouzinkie.

20/ Annexation by Houston between 1970 and 1980.

21/ Annexation by Palmer between 1970 and 1980.

22/ Annexation by Wasilla between 1970 and 1980. Detachment of an area from Wasilla also took place between 1970 and 1980.

23/ Brevig Mission returned as Teller Mission in 1960, 1950, and 1939.

24/ Subsequent to the 1980 census, Nome annexed the unincorporated place of Icy View and also had its boundaries legally expanded through a court case. The population figures shown for Nome do not reflect the boundary changes subsequent to the 1980 census.

25/ Shaktoolik returned as Shaktolik in 1970.

26/ Part of Shishmaref was detached from the city between 1970 and 1980.

27/ Annexation by Craig between 1970 and 1980.

28/ Annexation by Angoon between 1970 and 1980.

29/ Annexation by Skagway between 1970 and 1980.

30/ Annexation by Yakutat between 1970 and 1980.

31/ Annexation by Delta Junction between 1970 and 1980.

32/ Annexation by Cordova between 1970 and 1980.

33/ Annexation by Valdez between 1970 and 1980. Part of the city was detached between 1960 and 1970.

34/ Annexation by Whittier between 1970 and 1980.

35/ Emmonak returned as Emanguk in 1970 and as Kwiguk in 1960. In 1950, it was returned as Emangak.

36/ Fortuna Ledge returned as Marshall in 1950, 1960, and 1970. In 1939, it was returned as Fortuna Ledge.

37/ Mountain Village returned as Mountain in 1960.

38/ St. Mary's returned as Pitkas Point and undesignated surrounding area in 1960.

39/ Sheldon Point returned as Sheldons Point in 1950 and 1939.

40/ Annexation by Kake between 1970 and 1980.

41/ Annexation by Petersburg between 1970 and 1980.

42/ Annexation by Wrangell between 1970 and 1980. A number of persons living outside the legal boundaries of Wrangell were erroneously returned as part of the city population in 1970. This population of about 400 was annexed into the city between 1970 and 1980.

43/ Annexation by Anderson between 1970 and 1980

44/ Huslia returned as Cutoff prior to 1960.

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*

Alaska

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	16472	15603	20040	18909
5-9	18760	17949	17943	17100
10-14	17533	16715	17720	16562
15-19	14186	12582	19819	17335
20-24	22419	13157	24186	20904
25-29	14149	12562	25564	23081
30-34	12178	10410	22676	19487
35-39	11363	9198	17077	14239
40-44	9726	7734	12484	10222
45-49	8263	6869	9982	8422
50-54	6483	5324	8711	7128
55-59	4881	3669	6777	5840
60-64	2989	2321	4303	3793
65-69	1798	1333	2740	2466
70-74	853	720	1538	1568
75 and Over	1205	978	1481	1754
Total	163258	137124	213041	188810

Aleutian Islands

0-4	362	313	332	296
5-9	314	316	294	251
10-14	235	254	231	226
15-19	436	133	576	278
20-24	2070	243	1017	523
25-29	624	236	759	438
30-34	477	173	617	309
35-39	337	138	363	168
40-44	231	88	224	110
45-49	178	69	152	91
50-54	132	74	113	68
55-59	93	40	97	47
60-64	49	33	48	33
65-69	27	5	31	27
70-74	8	6	12	16
75 and Over	12	8	12	9
Total	5585	2129	4878	2890

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Anchorage

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	6770	6480	8404	8018
5-9	7601	7398	7572	7251
10-14	7224	7011	7422	6848
15-19	5362	5246	8136	7440
20-24	8352	6163	10583	9784
25-29	5886	5793	11115	10599
30-34	5061	4899	9995	9192
35-39	5029	4400	7629	6750
40-44	4213	3588	5445	4904
45-49	3513	3222	4466	3950
50-54	2657	2209	3781	3202
55-59	1662	1353	2746	2609
60-64	901	820	1623	1447
65-69	442	389	794	877
70-74	165	189	401	551
75 and Over	283	261	355	542
Total	65121	59421	90467	83964

Bethel

0-4	653	647	652	626
5-9	759	690	588	555
10-14	612	599	640	627
15-19	465	416	674	653
20-24	438	298	627	545
25-29	352	330	595	503
30-34	270	222	454	371
35-39	256	222	370	308
40-44	249	166	249	215
45-49	188	144	222	203
50-54	168	121	202	153
55-59	140	103	169	114
60-64	75	67	136	117
65-69	65	41	103	89
70-74	30	25	70	52
75 and Over	64	31	62	55
Total	4784	4122	5813	5186

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Bristol Bay Borough

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	42	42	33	24
5-9	53	56	27	31
10-14	66	56	30	41
15-19	53	35	45	42
20-24	231	20	164	56
25-29	80	27	128	39
30-34	71	33	87	31
35-39	72	18	55	25
40-44	34	18	44	31
45-49	34	15	36	19
50-54	12	14	28	12
55-59	14	6	13	6
60-64	11	8	11	11
65-69	10	5	8	5
70-74	3	3	1	3
75 and Over	2	3	4	4
Total	788	359	714	380

Dillingham

0-4	278	262	233	217
5-9	346	276	211	209
10-14	272	264	274	249
15-19	227	205	308	292
20-24	98	127	253	211
25-29	125	136	258	224
30-34	144	94	195	169
35-39	119	85	157	142
40-44	85	81	125	92
45-49	71	82	110	82
50-54	60	67	84	86
55-59	68	49	74	66
60-64	60	30	46	50
65-69	54	16	32	29
70-74	12	5	36	19
75 and Over	12	18	39	4
Total	2031	1797	2435	2181

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Fairbanks North Star Borough

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	2464	2287	2755	2696
5-9	2616	2429	2407	2237
10-14	2293	2146	2128	1984
15-19	2280	1775	2535	2127
20-24	6080	2618	3955	3095
25-29	2579	2037	3737	3355
30-34	1901	1553	3329	2711
35-39	1735	1306	2349	1854
40-44	1270	962	1597	1299
45-49	1022	861	1200	1019
50-54	826	644	1034	829
55-59	599	432	817	669
60-64	340	236	541	448
65-69	140	124	320	575
70-74	79	54	160	159
75 and Over	90	86	171	191
Total	26314	19550	29035	24948

Haines

0-4	73	67	69	68
5-9	78	78	75	50
10-14	98	71	87	74
15-19	57	66	90	87
20-24	39	51	59	61
25-29	53	49	91	69
30-34	49	52	87	90
35-39	48	42	74	71
40-44	41	34	54	53
45-49	54	37	42	39
50-54	49	41	39	28
55-59	49	24	42	38
60-64	21	20	35	30
65-69	11	12	30	22
70-74	9	9	8	7
75 and Over	4	15	5	6
Total	733	668	887	793

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Juneau City and Borough

Age in Years	1970		1980	
	Male	Female	Male	Female
0-4	662	628	888	793
5-9	844	819	768	746
10-14	793	779	829	763
15-19	580	553	886	811
20-24	403	489	901	904
25-29	534	552	1137	1225
30-34	554	504	1160	1054
35-39	470	428	870	779
40-44	474	447	685	546
45-49	423	393	517	439
50-54	356	361	437	400
55-59	326	262	365	351
60-64	219	191	225	278
65-69	130	120	165	168
70-74	56	57	109	115
75 and Over	73	76	80	134
Total	6897	6659	10022	9506

Kenai Peninsula Borough

0-4	859	797	1317	1138
5-9	1094	1011	1236	1175
10-14	1096	990	1170	1132
15-19	775	735	1141	1055
20-24	622	504	1160	1089
25-29	690	691	1491	1379
30-34	634	613	1388	1205
35-39	674	548	1091	930
40-44	655	491	800	637
45-49	531	412	670	549
50-54	443	345	628	536
55-59	345	212	486	399
60-64	209	140	355	298
65-69	126	82	237	138
70-74	72	59	138	120
75 and Over	86	45	81	113
Total	8911	7675	13389	11893

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Ketchikan Gateway Borough

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	522	514	1317	1138
5-9	604	572	1236	1175
10-14	595	579	1170	1132
15-19	477	438	1141	1055
20-24	345	347	1160	1089
25-29	441	390	1491	1379
30-34	383	322	1388	1205
35-39	294	285	1091	930
40-44	335	271	800	637
45-49	299	269	670	549
50-54	267	253	628	536
55-59	226	195	486	399
60-64	168	135	355	298
65-69	121	101	237	138
70-74	72	58	138	120
75 and Over	83	80	81	113
Total	5232	4809	5905	5411

Kobuk

0-4	282	278	293	278
5-9	351	326	293	244
10-14	310	324	287	242
15-19	239	204	332	276
20-24	138	128	247	263
25-29	116	113	270	193
30-34	124	93	199	152
35-39	109	98	117	95
40-44	95	78	121	82
45-49	86	80	95	103
50-54	72	47	98	81
55-59	65	54	63	64
60-64	38	42	52	42
65-69	33	23	59	42
70-74	19	23	28	37
75 and Over	26	33	40	43
Total	2103	1944	2594	2237

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Kodiak Island Borough

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	556	517	519	475
5-9	609	544	411	412
10-14	476	455	374	389
15-19	468	333	500	379
20-24	925	455	745	520
25-29	482	418	779	590
30-34	412	323	613	487
35-39	317	253	440	327
40-44	305	197	306	206
45-49	239	165	234	156
50-54	209	147	200	143
55-59	143	100	185	106
60-64	91	60	113	84
65-69	68	30	63	57
70-74	25	25	32	27
75 and Over	40	22	39	37
Total	5365	4044	5544	4395

Matanuska-Susitna Borough

0-4	277	292	902	909
5-9	387	369	863	844
10-14	493	435	895	863
15-19	351	305	904	722
20-24	155	133	628	652
25-29	178	196	922	971
30-34	201	205	940	854
35-39	228	230	770	702
40-44	274	199	579	467
45-49	243	172	440	426
50-54	198	170	446	324
55-59	168	131	345	276
60-64	116	95	237	205
65-69	93	48	178	146
70-74	50	32	98	97
75 and Over	58	27	95	116
Total	3470	3039	9242	8574

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Nome

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	363	308	392	341
5-9	428	406	345	325
10-14	405	425	362	325
15-19	316	317	385	335
20-24	257	185	345	324
25-29	206	170	347	303
30-34	182	146	311	202
35-39	182	136	209	158
40-44	145	125	179	134
45-49	163	111	168	105
50-54	114	90	136	117
55-59	117	100	125	87
60-64	68	59	73	65
65-69	57	44	86	79
70-74	35	29	44	40
75 and Over	33	27	47	43
Total	3071	2678	3554	2983

North Slope Borough

0-4	218	213	208	208
5-9	258	262	178	179
10-14	236	200	189	195
15-19	190	171	260	244
20-24	187	114	268	202
25-29	175	92	304	189
30-34	152	83	226	150
35-39	129	55	176	96
40-44	105	67	141	79
45-49	89	51	144	65
50-54	56	40	102	65
55-59	45	43	67	45
60-64	38	21	39	32
65-69	29	14	31	40
70-74	14	9	31	12
75 and Over	15	15	19	13
Total	1936	1450	2383	1816

Table H.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Prince of Wales-Outer Ketchikan

Age in Years	1970		1980	
	Male	Female	Male	Female
0-4	211	214	214	180
5-9	266	267	180	148
10-14	206	192	189	184
15-19	138	111	217	186
20-24	157	140	215	148
25-29	203	174	213	190
30-34	231	122	191	143
35-39	158	77	157	114
40-44	136	80	137	81
45-49	119	59	105	79
50-54	91	48	109	66
55-59	97	47	77	53
60-64	71	38	54	41
65-69	30	29	34	29
70-74	18	12	21	14
75 and Over	24	16	28	25
Total	2156	1625	2141	1681

Sitka City and Borough

0-4	329	284	437	358
5-9	383	423	328	340
10-14	384	320	341	325
15-19	271	233	385	346
20-24	225	202	417	386
25-29	218	223	468	409
30-34	241	230	385	333
35-39	235	169	321	260
40-44	189	162	254	227
45-49	176	154	201	173
50-54	153	125	173	147
55-59	120	119	137	128
60-64	83	66	91	72
65-69	66	63	54	63
70-74	41	30	43	40
75 and Over	92	64	80	81
Total	3206	2867	4115	3688

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Skagway-Yakutat-Angoon

Age in Years	1970 Male	1970 Female	1980 Male	1980 Female
0-4	135	148	186	198
5-9	176	175	151	163
10-14	183	153	157	151
15-19	146	134	175	149
20-24	82	76	135	140
25-29	119	85	225	196
30-34	100	84	192	154
35-39	84	63	135	102
40-44	83	66	109	80
45-49	78	61	85	57
50-54	62	56	70	53
55-59	77	53	73	62
60-64	53	27	44	44
65-69	62	36	47	40
70-74	26	20	17	22
75 and Over	36	24	37	29
Total	1502	1261	1838	1640

Southeast Fairbanks

0-4	226	213	345	293
5-9	206	214	302	260
10-14	233	185	269	243
15-19	276	176	276	196
20-24	587	211	407	305
25-29	236	190	370	323
30-34	153	113	356	258
35-39	121	84	241	192
40-44	128	114	193	131
45-49	112	79	103	81
50-54	60	62	103	66
55-59	55	40	77	62
60-64	38	27	49	33
65-69	21	20	30	23
70-74	11	5	20	22
75 and Over	16	3	25	22
Total	2479	1736	3166	2510

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Valdez-Cordova

Age in Years	1970		1980	
	Male	Female	Male	Female
0-4	258	218	378	355
5-9	285	261	326	318
10-14	285	278	390	326
15-19	222	201	435	349
20-24	165	156	450	354
25-29	182	181	571	445
30-34	212	140	449	415
35-39	187	152	392	280
40-44	203	145	313	190
45-49	184	146	265	173
50-54	170	140	213	154
55-59	142	88	174	145
60-64	107	58	113	80
65-69	60	31	79	56
70-74	26	12	44	33
75 and Over	38	22	48	35
Total	2726	2229	4640	3708

Wade Hampton

0-4	318	298	280	279
5-9	331	319	312	269
10-14	301	279	300	313
15-19	216	258	290	289
20-24	211	129	240	225
25-29	101	80	197	184
30-34	106	87	181	137
35-39	104	103	116	84
40-44	85	82	91	93
45-49	95	52	99	97
50-54	63	38	83	76
55-59	54	41	96	67
60-64	37	28	47	42
65-69	29	18	50	33
70-74	12	12	30	17
75 and Over	17	15	28	20
Total	2078	1839	2440	2225

Table II.5
Persons by Age and Sex
for the State, Boroughs and Census Areas in Alaska
April 1, 1970 and 1980*
(Continued)

Wrangell-Petersburg

	1970		1980	
Age in Years	**Male**	**Female**	**Male**	**Female**
0-4	254	239	283	304
5-9	294	298	277	278
10-14	280	304	276	228
15-19	250	209	282	234
20-24	160	162	324	256
25-29	213	186	394	339
30-34	185	142	313	272
35-39	172	139	256	187
40-44	162	136	178	129
45-49	158	132	156	137
50-54	124	121	136	122
55-59	119	91	139	113
60-64	93	65	104	97
65-69	60	45	96	52
70-74	36	29	47	49
75 and Over	49	43	49	60
Total	2607	2341	3310	2857

Yukon-Koyukuk

0-4	370	334	427	361
5-9	477	440	338	365
10-14	458	416	400	343
15-19	391	328	423	364
20-24	492	206	496	341
25-29	351	213	581	346
30-34	342	177	478	321
35-39	303	167	322	223
40-44	231	137	262	139
45-49	207	103	201	128
50-54	142	111	190	121
55-59	157	86	135	97
60-64	103	55	92	71
65-69	64	36	77	56
70-74	34	17	55	38
75 and Over	54	43	52	30
Total	3916	4176	2869	3344

* Source: 1970, 1980 Decennial Census.

Table II.6
Annual Components of Population Change
Alaska
1945 to 1983

Period June 30 to July 1	Population at End of Period	Components of Change During Period		
		Births	Deaths	Net Number of Migrants
1945-46	103000	2050	1280	-35770
1946-47	117000	2490	1250	12760
1947-48	126000	2890	1240	7350
1948-49	132600	3300	1240	4540
1949-50	137100	3620	1270	2150
1950-51	160000	4110	1340	20130
1951-52	185500	5130	1370	21740
19[illegible]-55	193800	6270	1380	3410
1953-54	200100	6910	1350	740
1954-55	206500	7190	1310	520
1955-56	212400	7480	1320	-260
1956-57	218600	7730	1330	-200
1957-58	220100	7450	1280	-4670
1958-59	224000	6830	1240	-1690
1959-60	230400	7270	1260	390
1960-61	236700	7940	1280	-360
1961-62	242800	8040	1300	-640
1962-63	249900	8190	1320	230
1963-64	253200	7730	1440	-2990
1964-65	265200	7460	1210	5750
1965-66	271500	7250	1460	510
1966-67	277900	6760	1350	990
1967-68	284900	6630	1280	1650
1968-69	294600	6660	1350	4390
1969-70	308500	6830	1360	8430
1970-71	319600	7190	1370	5280
1971-72	329800	7710	1440	3930
1972-73	336400	6880	1560	1280
1973-74	348100	6840	1430	6690
1974-75	384100	6760	1450	30290
1975-76	409800	7150	1490	20040
1976-77	418000	7740	1550	2010
1977-78	411600	8230	1620	-13010
1978-79	413700	8590	1620	-4870
1979-80	419700	9030	1680	-1350
1980-81	435200	9310	1660	7850
1981-82	460800	10300	1690	16990
1982-83	510550	11550	1850	40050

III Special Reports

III Special Reports

Two Major Problems in Alaskan Demography

by David A. Swanson

Foremost in any discussion of the demographic situation in Alaska is its small population. Analyzing any aspect of a small population presents problems that are both interesting and frustrating. For example, the stochastic variability of vital rates for a small population reflects sources of instability that are not manifested in the vital rates of a large population. Similar instabilities affect the measurement of a small population's structure and mobility. In Alaska these difficulties become more apparent when attempts are made to analyze the state's population by race, age, sex, or region.

A somewhat different problematic aspect of Alaska's small population is the cost associated with generating basic demographic data. The small numbers of people that are widely distributed preclude the economics of scale available for survey work in other states. As a consequence, Alaskan demographic data are neither as complete nor as reliable as those found in many other states.

The second major hurdle facing analysis using demographic data for Alaska stems from its relatively recent status as a state. Unlike states with a longer history, Alaska has no mutually exclusive and exhaustive political boundaries. Consequently, the results of each decennial census in Alaska as well as many administrative records provide no consistent sub-state data equivalent to the "county" level. This makes usually simple tasks such as regional trend analysis and studies of sub-state variations in population-based rates extremely difficult.

Because of the essential role played by population data in public health research, it is crucial that the two basic problems affecting Alaska's demographic data be resolved. Two major approaches are suggested. The first is to develop and refine methodologies to deal with the analytical difficulties presented by small populations with incomplete data. These methodologies could lead to the generation of basic population data without incurring the high costs associated with census and survey work in Alaska. For example, methods for estimating population data that are described by Martin and Serow (1978), Swanson (1978, 1980), Purcell and Kish (1980), Mandell and Tayman (1982), and Espenshade and Tayman (1982) could be tested, refined, and routinely used in Alaska. Methods for constructing vital rates and other basic indicators suggested by, to cite a few examples, Bogue and Palmore (1964), Swanson and Palmore (1976), and Manton and Stallard (1981) could also be tested, refined and routinely used in Alaska. Improvements in the methods for dealing with small populations and incomplete data would represent a significant contribution to several fields, including demography and public health research.

The second approach is designed to develop a consistent, historical data base at the sub-state level for Alaska. By using a consistent set of small areas that could be aggregated into a variety of larger areas, a historical decennial population data base could be constructed for sub-state areas using federal census data, vital events, and administrative records. This is needed for the efficient identification of regional demographic variations, trends, and their correlates as well as the development of current estimates and projections.

Combining these two approaches could provide a consistent, comprehensive set of annual data that would serve as a basic resource for health science research in Alaska.

Reference

Bogue, L.J. and J.A. Palmore. 1964. "Some Empirical and Analytical Relations among Demographic Fertility Measures, with Regression Models for Fertility Estimation." **Demography** 1: 316-338.

Espenshade, T.J. and J.M. Tayman. 1982 "Confidence Intervals for Postcensal State Population Estimates." **Demography** 19: 191-210.

Mandell, M. and J. Tayman. 1982. "Measuring Temporal Stability in Regression Models of Population Estimation." **Demography** 19: 135-146.

Manton, K.G. and E. Stallard. 1981. "Methods for the Analysis of Mortality Risks Across Hetergenous Small Populations: Examination of Space-time Gradients in Cancer Mortality in North Carolina Counties 1970-75. **Demography** 18: 217-230.

Martin, J.H. and W.J. Serow. 1978. "Estimating Demographic Characteristics Using the Ratio-Correlation Method." **Demography** 15: 223-234.

Purcell, N.J. and L. Kish. 1980. "Postcensal Estimates for Local Areas (or Domains)." **International Statistical Review** 48: 3-18.

Swanson, D.A. 1978. "An Evaluation of Ratio and Difference Regression Methods for Estimating Small, Highly Concentrated Populations: The Case of Ethnic Groups." **Review of Public Data Use** 6: 18-27.

——— 1980. "Improving Accuracy in Multiple Regression Estimates of Population Using Principles from Casual Modeling." **Demography** 17: 413-427.

——— and J.A. Palmore. 1976. "Two Parameter Regression Estimates of Current Life Expectancy at Birth: Part I." **Asian and Pacific Census Forum** 3: 5-10.

Alaska During Statehood: Demographics of the First 25 Years

By Jo Van Patten

Nineteen eighty four marks the silver anniversary of statehood for Alaska. Twenty-five years is a relatively short time in terms of the maturation process from territory into settled statehood. Our east coast states have celebrated their 200th anniversary as states, and the next youngest states, New Mexico and Arizona, admitted to the union in 1912, long ago lost their frontier status. Alaska, alone, retains the image of the "last frontier", a state not quite finished, not quite grown up, an unknown quantity to many in the "lower forty-eight." Alaska, with a total area of 591,000 sq. miles is the largest state in the union. It has the longest coastline, 5,580 statute miles, and the highest mountain, Mt. McKinley, 20,320 feet. Alaska has more land in state parks (2,975,000 acres) than any other state, more than double that of the second ranking state California, with 1,045,000 acres. Moreover, Alaska with 5.6 million acres, has more than 2/3 of the total acreage in the entire National Park System. The National Lands Act of 1980 established the only park entirely north of the Arctic Circle, the Gates of the Arctic Park. In the twenty-five years Alaska has been a state, many of these superlatives have remained the same. Yet, Alaska has the smallest population of any state in the union. Since the first census in the territory in 1890, the population has grown from 32,052 persons to 226,167 in 1960, and to 401,851 in 1980. The estimate for 1984 is for continued growth to over 500,000.

The demographics of the population growth in the years since statehood are indicative of this maturation process. The typically high male to female ratio of a frontier area has decreased from 132.3 men per 100 women in 1960 to 112.8 per 100 in 1980, although still well above the national ratio of 94.5 per 100 women. Continued decline in this ratio is expected, with the 1982 ratio estimated to be 110 males per 100 females. In the 1900 census the ratio was 258.9 men per 100 women. Men will probably always outnumber females in the state, as long as there is a major military population group present. As the economy shifts from the exploration, development phase into a more diversified economic base, the male to female ratio will continue to adjust itself. The male population increased 65.4% from 1960 to 1980, while the female portion increased 93.9%.

The age profile of the state has reflected major historic and economic events within the state. During the gold rush days, at the turn of the century, it was the males age 25-34 that came to the state. From 1890 to 1910 the total population grew 100.8% while the males age group 25-34 grew by 160.9%. With the establishment of military bases in the state in the 1940's, the male population age 20-30 grew 180% while the state population grew 77.4%. From 1960 to 1980, state population grew 77.7%, males age 20-24 by 51.2%, males age 25-29 by 115.7%, and 30-34 by 108.2%. The same female age groups show much smaller increases.

With a median age of 26.0 years in 1980, Alaska has the second youngest population of the 50 states; 32.5% of its population is under age 18. In 1960, 39.3% of the states' population was under 18, with a median age of 23.3. At the other end of the age range, Alaska is the state with the lowest percentage of persons over 65; 2.9% in 1980, and 2.4% in 1960. In the census of 1890, only 393 persons over the age of 65 were living in this vast territory. There has been some aging of the population in the years since statehood, however. The 1982 estimate pushes the percentage of those over 65 to 3.0% or approximately 13,920 persons.

In keeping with national trends, fertility rates have shown a marked decrease in Alaska. The fertility ratio, as indicated by the number of children under 5 years per 1,000 women 15 to 49 years of age, was 692 in 1960. By 1980 this measure was 343, a dramatic decrease. Fertility, as measured by specific age groups, is shown in the following table for both 1960 and 1980.

Number of children ever born per 1,000 women

Census	Age 15-24	25-34	35-44
1960	805	2504	2743
1980	894	1610	2758

Decreasing fertility since 1960 is shown in the drop in the number of children ever born to women age 25-34 in 1980. The baby boom was over and smaller families were fashionable. There is a slight rise in the number of children ever born to women age 15-24 in 1980 which may give Alaska a small "boom" in the later 80's. However,

we still see a marked decrease in that portion of the population under age 5 between 1960 and 1980. In 1960 15.2% of the state population was under age 5, while in 1980 that had decreased tp 9.7%. Births per thousand dropped from 33.4 in 1960 to 22.9 in 1980. As the 1980, 0-5 age group continues to grow older and if fertility rates do not show any marked increase, the "aging" process of the state will continue into the 1990's.

Contrary to popular belief, the percent of the employed population who work for either a local, state, or the federal government has not changed significantly since 1960. In 1960 the percentage was 33.1% while the 1980 census found 33.5% of those employed in 1980 in the state were government workers. But the shift of governmental responsibilities from the federal government of territorial days to the now appropriate state or local governmental agency can be seen in the breakdown of government employment displayed in the following table.

Percentage of Total Government Employment

	1970	1980
Federal	46.7%	35.8%
State	27.9%	34.9%
Local	25.3%	29.3%

As the federal government has shifted control to the state, the employment has followed also. Additionally, the public administration and construction sectors have actually declined in their percentages of industry employment. Since 1970, the most notable change in major industry employment has been the increase in the professional services. Employment there has risen from 14.7% in 1960 to 21.9% in 1980.

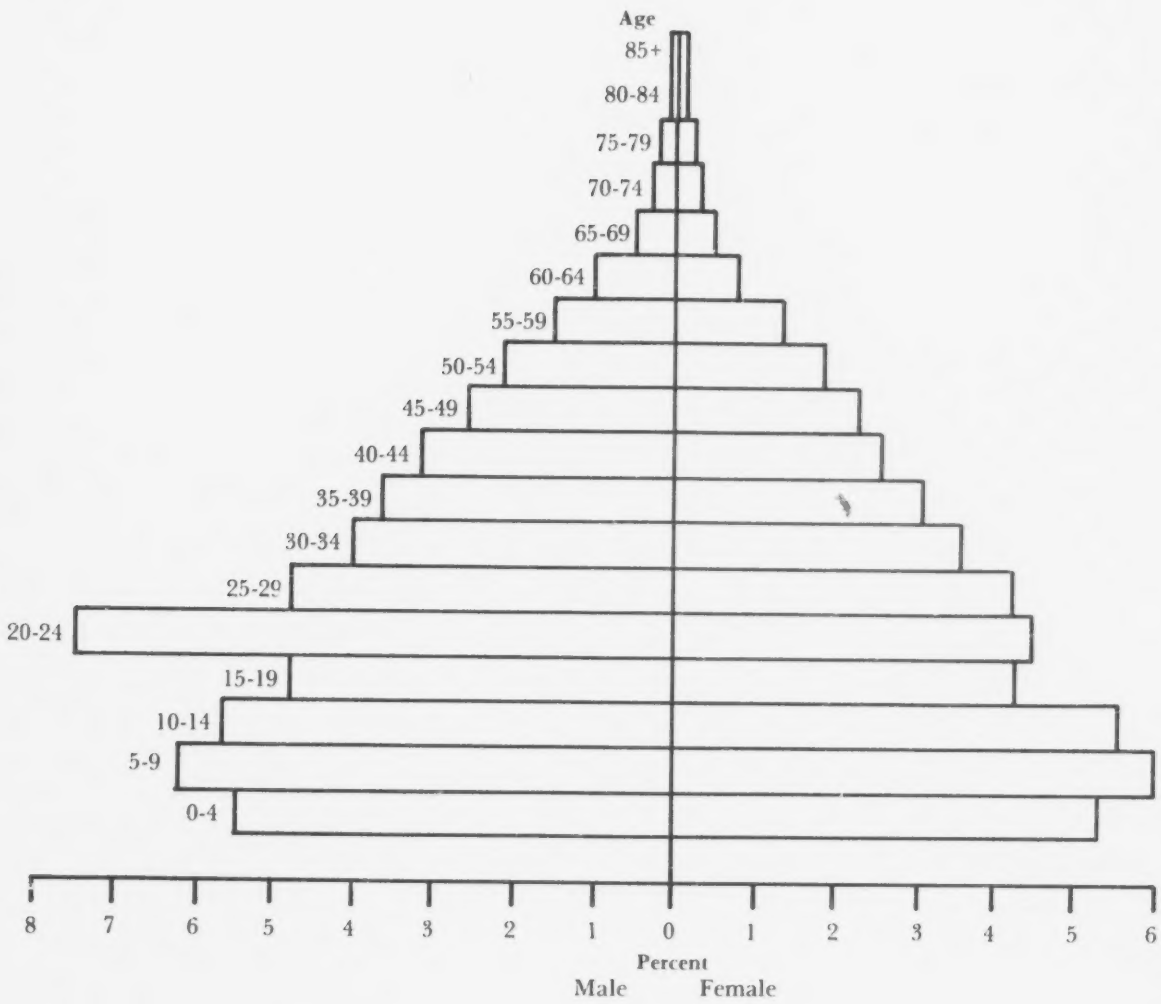
Alaskans are living longer, as is the population in the lower forty-eight. According to life tables for 1959-61 the average life expectancy for an Alaskan was 67.5 years; by 1980 this had increased to 72.7 years. Alaska still trails the U.S. life expectancy of 73.7 years in 1979. After examining the mortality statistics for the state, it becomes evident that this shorter Alaskan life-span may be a statistical phenomenon rather than an actuality. A large number of Alaskans go south for their retirement years. They do not stay in the state and therefore do not show up in the mortality statistics. If everyone in the 60-64 age group in 1970 (5,310 persons) stayed in the state, with death being the only factor to decrease the population (no migration), one would expect to find 4,751 persons, age 70-74 in 1980; yet only 3,106 were counted. Out-migration is strong at the high end of the age scale. Unfortunately there is no information on life expectancies for Alaskans claiming other states as their residences at death.

Alaskans are better educated than ever with 21.1%, or 1 in 5, having a college degree. This is second only to Colorado and more than double the 1960 percentage. Much of this education is attained out of the state. Alaska was second only to Nevada in 1979 in the percentage of its first-time freshmen enrolling out-of-state (47.1%). There is only 5.7% of the first-time freshmen coming to this state for their education, leaving Alaska with the highest percentage of out-migration for post secondary education. The median number of school years completed in 1960 was 12.1, high in itself, but pushed still higher to 12.8 in 1980. In 1980 82.8% of persons 25 years and older had completed high school, up from 54.7% in 1960. For the entire U.S., the median number of school years completed was 10.6 in 1960 and 12.5 in 1980. The percent completing high school in 1980 was 66.3% for the U.S. as a whole.

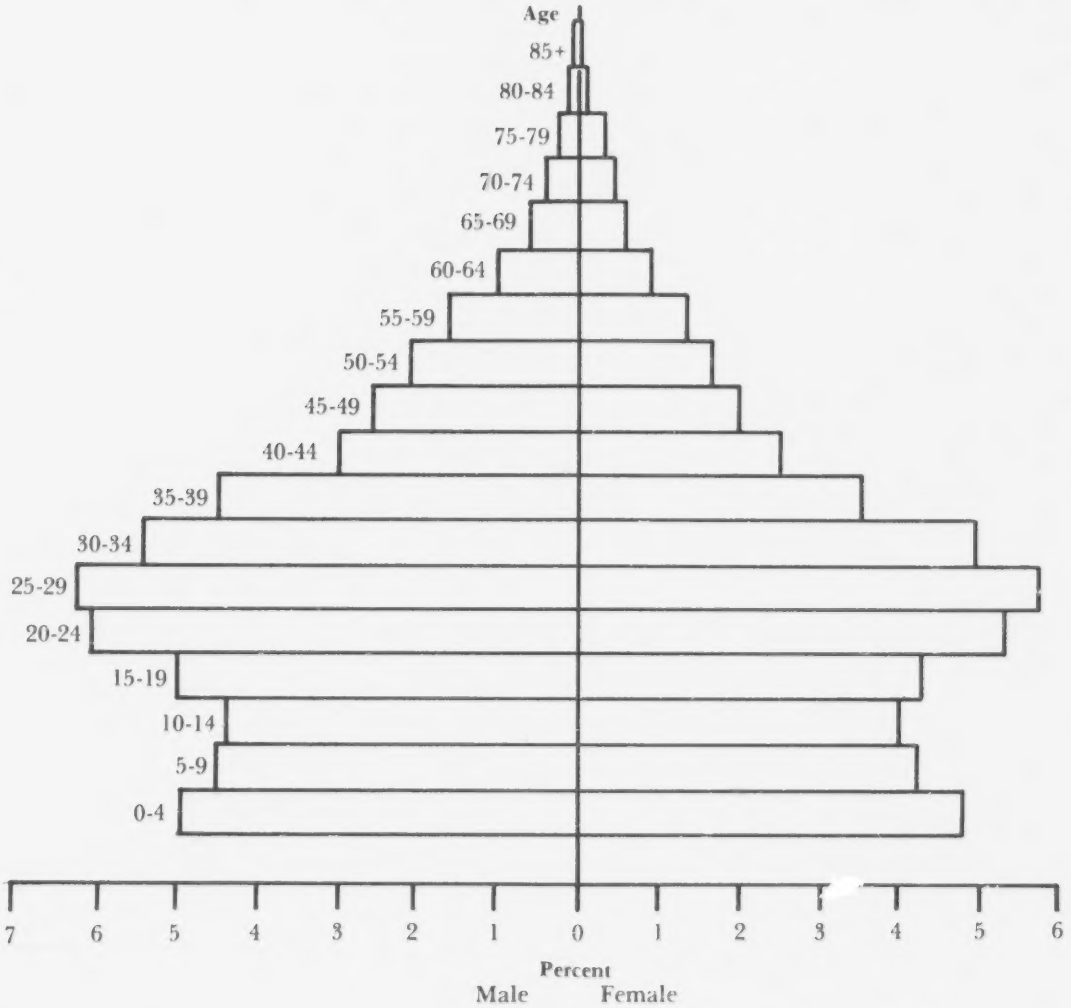
Employment for women in Alaska has increased dramatically since statehood. In 1960, 39.3% of women 14 years and older were in the labor force. By 1980, 57.9% of women 16 years and older were in the labor force. Nationally, the percentage of women age 16 and older in the labor force went from 37.8% in 1960 to 52.9% in 1982. Alaska's continually higher female participation rate is remarkable in a state where mining, construction, and fishing are major employers and more importantly, major male dominated sectors of employment. Employment growth in trade and services has helped to push the female participation rate up recently.

As Alaska's twenty-fifth year unfolds, another superlative is added to its descriptive statistics. The July 1, 1983 population estimates series from the Bureau of the Census shows Alaska as the state with the largest rate of change, put at 19.2% between April 1, 1980 and July 1, 1983. The composition of this in-migration will determine whether or not Alaska's demographics will again reflect tha state's economic trends. As the state shifts more and more away from the frontier configuration, we should see even more women present, more families forming, more middle aged persons (35-55) staying, and a general shift to the demographic profile of an older state. The 1990 census will give us the next true demographic profile.

Percent Distribution of Alaska Population by Age
1970 Census



Percent Distribution of Alaskan Population
1980 Census



Education and Income in Alaska

By Greg Williams

This section of *Alaska Population Overview* for 1983 presents the baseline 1980 census data on education and income. These numbers are compared to those for the rest of the nation and census areas within Alaska. These characteristics of the population are also compared for White and Native Americans.

Education

Alaska's population is, on average, one of the best educated populations in America. Alaska ranks first in the U.S. in the proportion of adults who have at least a high school education, and third after Washington, D.C. and Colorado in the proportion of its population who are college graduates. Of the 211,397 persons over 25 years of age in 1980, 82.5% had completed high school and 21.1% were college graduates. Nationally, only 66.5% of the population over 25 had completed high school and only 16.2% had completed college.

Substantial differences, however, remain between the White population of Alaska and the American Indian, Eskimo and Aleut population of the state in terms of education. In spite of the progress made in improving educational opportunities for those under 25, a wide gap in the educational achievement of adults remains. While 88.5% of the adult White population of Alaska had completed high school (compared to 68.8% for Whites nationwide), only 46.2% of the Native population over 25 had completed high school (compared to 55.5% for the Native American population nationwide).

The gap between Native and White populations is greater at the college level. While 24.4% of the White population of Alaska has completed college (compared to 17.1% nationwide), only 3.5% of the Alaska Native population has completed college compared to 7.7% for Native Americans nationwide. Educationally, adult Alaska Natives are disadvantaged relative to all Native Americans. The gap in education is particularly acute when the level of Native education is compared to the very high level of education for the White population of Alaska.

There is a wide variation in level of educational achievement among census areas within the state. Overall, Juneau has the highest proportion of its population over 25 who had graduated from high school (91.1%) and from college (33.9%). Anchorage Borough ranks second with 88.3% and 23.6% high school and college graduates, respectively. The predominately Native American boroughs of Wade Hampton and Bethel have the lowest levels of adult high school and college graduates. Only 34.6% of the population over 25 have completed high school and 7.7% have completed college in Wade Hampton. The corresponding figures are 45.9% and 13.7% for Bethel.

Any comparisons of statistics by race excludes Bristol Bay and Haines Boroughs. Because of the small numbers of minority persons in these boroughs, all education, income, and poverty data are suppressed to protect against revealing information about specific individuals.

The average level of education for the White population tends to be associated with the degree to which government and educational employment dominate the labor force of a census area. Statewide, the proportion of persons over 25 completing high school ranges from a low of 78.6% in Prince of Wales-Outer Ketchikan to a high of 96.6% in Bethel census area. Similarly, the proportion completing college ranges from a low of 15.6% in Prince of Wales-Outer Ketchikan to a high of 55.9% in Kobuk census area.

For the Native population, the level of education generally falls along urban/rural lines, with the highest level of high school and college graduates occurring in Anchorage (65.9% and 9.8%), respectively. The lowest proportion of Native population completing high school occurred in Wade Hampton (28.7%). The Valdez-Cordova census area ranked the lowest for completion of college with no Native college graduates.

Income

In 1980, Alaska had 132,269 households. Of these 96,840 households contained families composed of two or more individuals related by blood, marriage or adoption. The remaining 65,508 households were composed of unrelated individuals. In terms of racial composition, 109,679 Alaska households were occupied by Whites, 15,447 by Native Americans, and the remaining were occupied by Other Races (Black: 4,299; Asian and Pacific Islanders: 1,987; and Other Races N.E.C.: 857).

As with education, Alaska ranked first in the nation in both median household and median family income in 1979. The median household income for Alaska was $25,414 compared to the national median household income of $16,841. Similarly, Alaska had a median family income of $28,395 in 1979 compared to a U.S. median of $19,917. The reader should note that income for Alaska and the U.S. has increased substantially between 1979 and 1983. The baseline figures presented here should only be considered as representative of relative differences in income and the reader should be aware that current income for both Alaska and the nation may be considerably different in dollar amounts from the statistics presented here. By 1982, the median household income as measured by the Current Population Survey had risen to $23,433, an increase of 19.7% and 17.7%, respectively. While no comparable statistics are available for Alaska for 1982, indicators would suggest that Alaskan income has probably grown at a more rapid pace than the nation as a whole since 1980.

Substantial differences existed between White and Native Alaskan income as reported in the 1980 census. Median household income for Whites in 1979 was $27,294 compared to $17,680 for the U.S. Median White family income was $30,881 compared to $20,835 for the U.S. The income of Native Alaskans was approximately half of that of Whites, and was not far above that for all Native Americans. The median household income of Native Alaskans in 1979 was $14,267 compared with $12,256 for all Native Americans and median family income was $15,921 compared to $13,724 for the U.S. Native population.

There was a wide range in income level from one census area to another across the state. Median household income ranged from a high of $33,516 in Bristol Bay Borough to a low of $11,373 in Wade Hampton census area. Median family income ranged from a high of $40,236 in Bristol Bay Borough to a low of $12,797 in the Wade Hampton census area.

Substantial variation in median income between races exists between census areas within Alaska. As with education, the regional differences were largely accounted for by racial differences in income. For Whites, median household and family income was highest for the North Slope Borough with medians of $40,221 and $44,383, respectively. The lowest incomes for Whites were found in Southeast Fairbanks Borough which had medians of $16,450 and $16,622, respectively. Native Alaskan income was also the highest on the North Slope with a median household income of $28,313 and a median family income of $28,400. The lowest income for Native Alaskans was found in Yukon-Koyukuk which had a median household income of $7,972 and a median family income of $9,089.

Poverty Status

The definition of poverty status is based on the cost of food to families of different sizes on a nationwide basis. No adjustment was made in census poverty statistics for the higher cost of living in Alaska. Since the statewide cost of food is approximately 25% above the national average, statistics for 125% of the national poverty level are presented here as comparable to the national statistics for 100% of the poverty level. The reader should recognize that there are very substantial differences in cost of living among census areas within the state of Alaska. It is probable, therefore, that the proportion of persons in poverty may be slightly less for Anchorage where the cost of food is close to the national average and substantially higher than reported for the most remote and least accessible census area. Further, the definition of poverty is difficult to apply in areas where a majority of persons engage in subsistence activities which result is a large share of food being obtained from the land. At best, the statistics on poverty for Alaska should be viewed with caution and only as indicators of the general relative poverty status of the citizens of the state.

When differences in the cost of living are taken into consideration, Alaska showed 14.4% of its population below the poverty line compared to 12.4% for the nation as a whole. The difference was reflected in the statistics for both the White and Native population. For White Alaskans, 10.4% fell below the poverty line as compared with 9.4% of Whites in the U.S. as a whole. Similarly, 33.0% of Alaska Natives fell below the poverty line compared to 27.5% of all Native Americans.

There are wide differences in the proportion of persons who would be considered as being in poverty between census area. The range extends from a low of 5.9% of all persons below the poverty line in the Juneau Borough, to a high of 49.0% of all persons below the poverty line in Wade Hampton. While these statistics generally reflect the proportion of Native population in each census area, there is a fairly wide range in the level of poverty within each racial group. The percentage of White persons below the poverty line in 1979 ranges from a low of 4.6% in Juneau Borough to a high of 24.5% of all White persons in the Southeast Fairbanks census area. The proportion of Native Americans below the poverty line in 1979 ranges from a low of 9.2% in Wrangell-Petersburg census area to a high of 51.7% in the Yukon-Koyukuk census area. The high and low figures by race do not include Bristol Bay or Haines Boroughs because of suppression.

Table III.1
Percent of Persons 25 Years Old and Over Who Were High School and College Graduates for the U.S., Alaska, and Census Areas, by Race, 1980

AREA	TOTAL			WHITE			INDIAN, ESKIMO & ALEUT		
	PERSONS 25 YEARS OR OVER	PERCENT HIGH SCHOOL GRADUATES	PERCENT COLLEGE GRADUATES	PERSONS 25 YEARS OR OVER	PERCENT HIGH SCHOOL GRADUATES	PERCENT COLLEGE GRADUATES	PERSONS 25 YEARS OR OVER	PERCENT HIGH SCHOOL GRADUATES	PERCENT COLLEGE GRADUATES
UNITED STATES	132,835,687	66.5	16.2	114,290,384	68.8	17.1	342,984	53.5	7.7
ALASKA	211,397	82.5	21.1	171,359	88.5	24.4	27,467	46.2	3.5
CENSUS AREAS									
ALEUTIAN IS. CENSUS AREA	3,744	77.1	15.3	2,330	91.6	20.9	899	36.5	1.1
ANCHORAGE BOROUGH	93,020	86.3	23.6	81,467	89.9	25.1	3,972	65.9	9.8
BETHEL CENSUS AREA	4,812	45.9	13.7	1,018	96.6	52.4	3,734	31.3	2.7
BRISTOL BAY BOROUGH	601	81.9	16.5	395	—	—	—	—	—
DILLINGHAM CENSUS AREA	2,129	56.4	16.2	668	92.5	47.0	1,449	39.3	1.8
FAIRBANKS-NORTHSTAR BOROUGH	28,062	86.6	22.0	24,670	89.1	23.9	1,310	56.2	6.3
HAINES BOROUGH	960	77.9	19.8	829	—	—	—	—	—
JUNEAU BOROUGH	11,229	91.1	33.9	9,871	93.6	36.6	950	77.8	7.8
KENAI PENINSULA BOROUGH	13,694	82.0	16.2	12,627	83.9	16.8	801	53.7	1.9
KETCHIKAN GATEWAY BOROUGH	6,353	82.2	17.7	5,520	85.4	19.5	640	58.9	1.9
KOBUK CENSUS AREA	2,077	48.2	13.4	451	94.2	55.9	1,618	35.4	1.7
KODIAK ISLAND BOROUGH	5,224	78.3	17.7	3,854	87.8	21.3	848	45.0	2.5
MATANUSKA-SUSITNA BOROUGH	9,634	81.4	17.7	9,238	82.4	18.2	310	57.1	3.9
NOME CENSUS AREA	3.058	54.4	13.7	823	93.7	48.2	2,208	39.6	0.8
NORTH SLOPE BOROUGH	2,068	56.4	12.6	664	89.8	33.9	1,357	39.5	2.0
PRINCE OF WALES-OUTER KETCHIKAN C.A.	1,961	69.1	10.0	1,195	78.6	15.6	731	53.6	1.5
SITKA CENSUS AREA	4,126	81.1	21.2	3,277	87.4	25.2	713	55.4	1.3
SKAGWAY-YAKUTAT-ANGOON CENSUS AREA	1,873	70.9	14.7	1,188	83.5	21.7	661	47.5	2.0
SOUTHEAST FAIRBANKS CENSUS AREA	2,777	79.6	15.3	2,274	85.4	17.5	331	36.0	3.6
VALDEZ-CORDOVA CENSUS AREA	4,687	80.3	15.6	4,040	85.8	17.8	533	41.3	0.0
WADE HAMPTON CENSUS AREA	1,868	34.6	7.7	203	—	—	1,710	28.7	1.5
WRANGELL-PETERSBURG CENSUS AREA	3,425	77.1	17.7	2,814	80.6	20.4	531	59.3	2.4
YUKON-KOYUKUK CENSUS AREA	4,015	66.9	13.4	2,009	89.6	24.3	1,889	41.6	2.5

NOTE: TABLE BASED ON SAMPLE DATA. SOURCE: 1980 CENSUS OF POPULATION, V.1,CH.C., GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS, BUREAU OF THE CENSUS.

Table III.2
Number of Households, Families, and Persons for the U.S., Alaska, and Census Areas, by Race, 1980

AREA	TOTAL			WHITE			INDIAN, ESKIMO & ALEUT		
	NUMBER OF HOUSEHOLDS	NUMBER OF FAMILIES	NUMBER OF PERSONS	NUMBER OF HOUSEHOLDS	NUMBER OF FAMILIES	NUMBER OF PERSONS	NUMBER OF HOUSEHOLDS	NUMBER OF FAMILIES	NUMBER OF PERSONS
UNITED STATES	80,467,427	59,190,133	226,545,807	68,991,307	50,644,862	189,035,012	442,898	341,401	1,534,336
ALASKA	132,369	96,840	401,851	109,679	79,300	311,968	15,447	12,036	64,357
CENSUS AREAS									
ALEUTIAN IS. CENSUS AREA	1,587	1,315	7,768	980	811	4,887	488	402	1,928
ANCHORAGE BOROUGH	60,826	43,851	174,431	53,654	38,440	149,765	2,493	1,807	9,022
BETHEL CENSUS AREA	2,705	2,046	10,999	720	421	1,602	1,939	1,601	9,273
BRISTOL BAY BOROUGH	243	176	1,094	—	—	—	—	—	—
DILLINGHAM CENSUS AREA	1,280	1,029	4,616	437	296	1,060	830	723	3,523
FAIRBANKS-NORTHSTAR BOROUGH	18,357	13,227	53,983	16,202	11,650	46,325	782	504	3,026
HAINES BOROUGH	579	431	1,680	—	—	—	—	—	—
JUNEAU BOROUGH	7,076	4,871	19,528	6,303	4,303	16,699	358	414	2,190
KENAI PENINSULA BOROUGH	8,656	6,470	25,282	8,002	6,056	23,181	517	357	1,702
KETCHIKAN GATEWAY BOROUGH	4,041	2,869	11,316	3,586	2,568	9,576	333	222	1,406
KOBUK CENSUS AREA	1,149	890	4,831	288	179	696	853	708	4,120
KODIAK ISLAND BOROUGH	3,033	2,248	9,939	2,336	1,706	7,110	528	408	1,884
MATANUSKA-SUSITNA BOROUGH	5,711	4,533	17,816	5,537	4,416	16,872	127	100	752
NOME CENSUS AREA	1,758	1,305	6,537	541	357	1,306	1,200	935	5,189
NORTH SLOPE BOROUGH	994	748	4,199	263	142	916	710	596	3,225
PRINCE OF WALES-OUTER KETCHIKAN C.A.	1,132	922	3,822	709	556	2,070	408	351	1,651
SITKA CENSUS AREA	2,467	1,889	7,803	1,951	1,472	5,636	419	344	1,669
SKAGWAY-YAKUTAT-ANGOON CENSUS AREA	1,102	616	3,478	750	528	1,958	341	281	1,462
SOUTHERST FAIRBANKS CENSUS AREA	1,672	1,364	5,676	1,446	1,157	4,495	150	144	725
VALDEZ-CORDOVA CENSUS AREA	2,695	1,926	8,348	2,403	1,698	7,091	267	218	1,060
WADE HAMPTON CENSUS AREA	964	818	4,665	—	—	—	881	764	4,420
WAINWELL-PETERSBURG CENSUS AREA	2,052	1,505	6,167	1,721	1,259	4,832	286	214	1,190
YUKON-KOYUKUK CENSUS AREA	2,290	1,591	7,873	1,105	748	3,361	1,166	828	4,366

NOTE: TABLE BASED ON SAMPLE DATA. SOURCE: 1980 CENSUS OF POPULATION, V. 1, CH. C, GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS, BUREAU OF THE CENSUS.

BEST AVAILABLE COPY

Table III.3
Median Household and Family Income and Percent of Persons Below the Poverty Line for the U.S., Alaska, and Census Areas, by Race, 1980

AREA	TOTAL			WHITE			INDIAN, ESKIMO & ALEUT		
	MEDIAN HOUSEHOLD INCOME 1979	MEDIAN FAMILY INCOME 1979	PERCENT OF PERSONS BELOW THE POVERTY LINE 1.	MEDIAN HOUSEHOLD INCOME 1979	MEDIAN FAMILY INCOME 1979	PERCENT OF PERSONS BELOW THE POVERTY LINE 1.	MEDIAN HOUSEHOLD INCOME 1979	MEDIAN FAMILY INCOME 1979	PERCENT OF PERSONS BELOW THE POVERTY LINE 1.
UNITED STATES	$16,841	$19,917	12.4	$17,680	$20,835	9.4	$12,256	$13,724	27.5
ALASKA	$25,414	$28,395	14.4	$27,294	$30,881	10.4	$14,857	$15,921	33.0
CENSUS AREAS									
ALEUTIAN IS. CENSUS AREA	$19,389	$20,104	15.7	$16,821	$19,375	11.4	$20,694	$21,667	22.3
ANCHORAGE BOROUGH	$27,375	$30,730	10.2	$28,796	$32,113	8.7	$16,126	$16,858	25.6
BETHEL CENSUS AREA	$13,656	$14,712	39.9	$27,292	$33,951	12.4	$11,030	$11,826	44.9
BRISTOL BAY BOROUGH	$33,516	$40,236	6.0	—	—	—	—	—	—
DILLINGHAM CENSUS AREA	$18,977	$20,236	29.0	$25,785	$30,000	10.6	$15,139	$16,285	34.8
FAIRBANKS-NORTHSTAR BOROUGH	$23,647	$26,927	13.7	$24,813	$28,182	12.3	$15,750	$17,604	27.9
HAINES BOROUGH	$20,893	$23,413	17.4	—	—	—	—	—	—
JUNEAU BOROUGH	$30,834	$35,786	5.9	$31,929	$37,298	4.6	$19,292	$23,537	18.7
KENAI PENINSULA BOROUGH	$23,660	$27,378	16.3	$24,497	$27,679	15.8	$16,437	$23,359	22.6
KETCHIKAN GATEWAY BOROUGH	$27,015	$30,992	8.8	$28,289	$31,945	7.6	$16,488	$18,167	15.0
KOBUK CENSUS AREA	$17,756	$17,750	34.2	$30,662	$34,882	8.1	$12,486	$13,869	38.3
KODIAK ISLAND BOROUGH	$26,421	$28,351	14.6	$28,307	$30,817	9.9	$16,635	$21,184	33.5
MATANUSKA-SUSITNA BOROUGH	$23,483	$25,999	15.5	$23,536	$26,073	14.9	$28,036	$22,083	28.6
NOME CENSUS AREA	$14,550	$16,574	36.1	$27,902	$33,501	9.5	$10,307	$12,336	42.8
NORTH SLOPE BOROUGH	$31,378	$32,113	13.7	$40,221	$44,383	6.9	$28,816	$29,808	15.3
PRINCE OF WALES-OUTER KETCHIKAN C.A.	$21,947	$23,472	13.9	$23,702	$25,769	15.6	$20,266	$21,250	12.7
SITKA CENSUS AREA	$31,133	$32,732	7.2	$31,748	$33,757	6.0	$25,313	$28,400	12.1
SKAGWAY-YAKUTAT-ANGOON CENSUS AREA	$21,396	$23,693	20.1	$24,615	$31,024	17.0	$14,063	$15,987	24.1
SOUTHEAST FAIRBANKS CENSUS AREA	$15,903	$15,471	26.4	$16,450	$16,622	24.5	$12,000	$10,208	46.8
VALDEZ-CORDOVA CENSUS AREA	$27,469	$31,799	13.6	$29,274	$34,056	14.6	$13,542	$14,167	22.0
WADE HAMPTON CENSUS AREA	$11,373	$12,797	49.0	—	—	—	$10,993	$12,111	50.7
WRANGELL-PETERSBURG CENSUS AREA	$24,403	$27,981	8.8	$25,205	$29,468	8.2	$19,688	$23,846	9.2
YUKON-KOYUKUK CENSUS AREA	$12,371	$14,614	38.7	$25,089	$29,844	19.3	$7,972	$9,089	51.7

NOTE: TABLE BASED ON SAMPLE DATA. SOURCE: 1980 CENSUS OF POPULATION, V.1,CH.C, GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS, BUREAU OF THE CENSUS.

1. U.S. STATISTICS ARE FOR 100% OF THE POVERTY LINE. ALL ALASKA STATISTICS ARE BASED ON 125% OF THE POVERTY LINE.

BEST AVAILABLE COPY